

LOW VOLTAGE CABLES

Copper Conductor

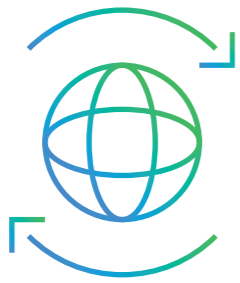


Connecting people and businesses everywhere



150

Years of Experience



+50

Countries



33k

Employees



+15B

Sales in Euros

Sustainability-driven innovation to lead the energy transition and digital transformation

With a legacy spanning over 150 years, Prysmian is a global leader in energy and telecom cable solutions, driving innovation and sustainability. In 2023, we achieved over €15 billion in sales, supported by our 33,000 employees, 82 manufacturing plants, and operations in more than 50 countries worldwide.

We offer the broadest range of cutting-edge products, services, and technologies tailored to meet the evolving needs of our customers. From enabling the energy transition with our pioneering E-Path sustainable cable solution, to supporting critical telecom infrastructure, Prysmian plays a pivotal role in building resilient and efficient systems across the globe.

Our commitment to work closely with our customers ensures that we deliver solutions to help them expand energy and telecom networks, achieving sustainable, profitable growth while addressing the challenges of a rapidly changing world. Together, we're shaping the future of connectivity and electrification.



The planet's pathway

Our world-leading cable solutions



Transmission

- Submarine power and telecom systems
- Marine installation through inhouse fleet
- Underground interconnectors up to 525kV DC
- Complete solutions provider:
 - Turn-key execution approach
 - Continuous monitoring
 - Post-installation maintenance



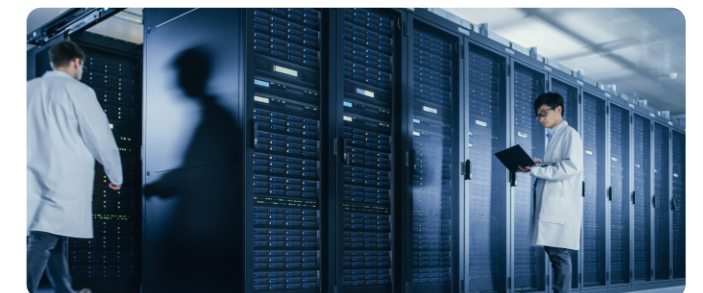
Power Grid

- HV/EHV AC systems supply and installation
- MV and HV/EHV Network Components (NWC) up to 500kV
- Power Distribution cables' solutions from LV to MV (and up to 69kV)
- Data-driven permanent monitoring systems for power networks



Electrification

- Renewables
- Specialties & OEM
 - (Railway, Marine, Crane, Mining, Nuclear, Rolling Stock, Defence, Electro medical, other infrastructure)
- Data Centres
- Energy Storage Systems
- OGP Onshore/Offshore & SURF
- Elevators
- Other Industrial
- Residential, Hospitals & Commercial constructions



Digital Solutions

- Commercial Buildings
 - Passive Optical Cabling
 - Structured Cabling System
 - Building Management
- Data Centre
- Mission Critical and Harsh Environment
- Broadcast and Studio
- Marine & Shipboard

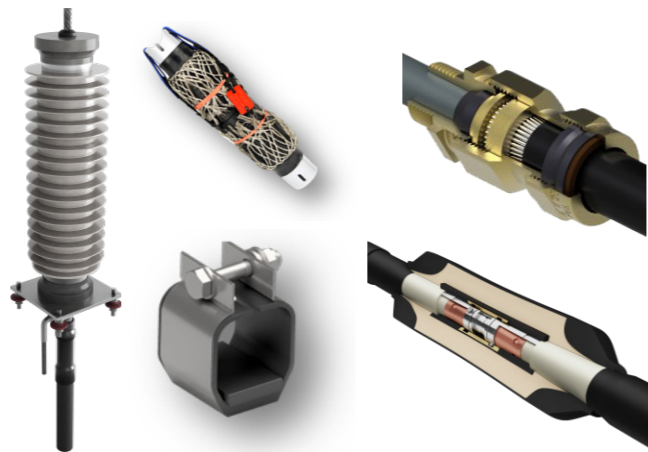
The planet's pathway

Network components



Empowering Reliable Grids with Comprehensive Network Components

We go beyond cables to deliver complete solutions for your transmission and distribution needs. Our extensive portfolio of network components and accessories—including joints, terminations, connectors, and glands—ensures seamless integration with power systems, whether for new installations or upgrades to existing grids. Engineered to the highest standards, our components provide reliability, safety, and performance, supporting utilities in building efficient and robust power networks.



We offer tailored solutions across all voltage classes, including innovative designs for optical fiber integration and asset monitoring systems, reflecting our commitment to sustainability and innovation. Our advanced technologies, such as pre-expanded and cold-shrink options, enable faster, easier installations, reducing downtime and ensuring operational excellence.

Backed by Prysmian's global reach and local expertise, we provide dedicated engineering support and customized designs to meet specific project needs. Together, let's build the future of power systems with network components that are as reliable and innovative as our cables.

Asset monitoring & systems



Advanced Sensing Solutions for Proactive Asset Management

Prysmian's Electronic and Optical Sensing Solutions (EOSS) are at the forefront of system integrity monitoring, offering cutting-edge tools to safeguard your critical assets. Our comprehensive platform integrates partial discharge (PD) detection, distributed temperature sensing (DTS), and distributed acoustic sensing (DAS) to provide real-time insights into your system's health. With Pry-Cam solutions for both portable, spot analysis and permanent installation for continuous monitoring, you hold the power to act proactively, ensuring safety, reliability, and costefficiency.

Our systems deliver precise data on temperature variations, partial discharge activity, and acoustic anomalies, enabling informed decision-making to prevent costly repairs or unplanned downtime. Scalable and flexible, the modular design adapts to your evolving needs, while user-friendly interfaces streamline monitoring and analysis.



With EOSS, Prysmian elevates monitoring from reactive to preventive, helping utilities and industries achieve enhanced operational reliability. Discover how EOSS and Pry-Cam can transform your approach to asset management, ensuring the safety and longevity

Prysmian in the region



Prysmian operates extensively across the Asia Pacific region, supported by a robust infrastructure that includes 13 manufacturing plants across China, Malaysia, Indonesia, the Philippines, and Thailand. Our regional distribution center in Singapore serves as a strategic hub, ensuring seamless delivery of cutting-edge cable solutions for the energy, infrastructure, and telecom markets.

In Asia Pacific, Prysmian is proud to be a part of landmark projects that showcase our expertise and commitment to innovation. These include addressing the complex cable requirements of iconic developments like Marina Bay Sands in Singapore and supporting the ambitious South Vietnam submarine cable projects,

which strengthen regional connectivity. Additionally, Prysmian's advanced solutions have contributed to offshore wind farm developments, highlighting our pivotal role in accelerating the region's transition to renewable energy.

With a clear focus on sustainability and a strong local presence, Prysmian is well-positioned to meet the demands of Asia Pacific's rapidly growing markets. We remain dedicated to delivering innovative technologies that empower our partners and drive the region's progress towards a more connected and

Our corporate brand

Prysmian has a multi-brand architecture made of three levels: a strong Corporate Brand, Prysmian, which stands for the whole organization. It is the umbrella brand under which all the initiatives regarding the Company worldwide are carried out.



The second level is represented by the three well-known Commercial Brands: Prysmian, Draka and General Cable.



The third level encompasses the wide range of product brands that serve all the markets and applications in which the Company operates.



1. Copper Cables - Non Armoured PVC Insulation

1.1 450/750 V CU/PVC - NYA	6
1.2 300/500 V CU/PVC/PVC - NYM	8
1.3 0.6/1 KV CU/PVC - NYA	10
1.4 0.6/1 KV CU/PVC/PVC - NYY	12

2. Copper Cables - Armoured PVC Insulation

2.1 0.6/1KV CU/PVC/PVC/DATA/PVC - NYB(AL)Y	20
2.2 0.6/1KV CU/PVC/PVC/DSTA/PVC - NYBY	22
2.3 0.6/1KV CU/PVC/PVC/AWA/PVC - NYR(AL)Y	26
2.4 0.6/1 KV CU/PVC/PVC/AWA/PVC - NYRY	30
2.5 0.6/1 KV CU/PVC/PVC/SFA/PVC - NYFY	36

3. Copper Cables - Shielded PVC Insulation

3.1 0.6/1KV CU/PVC/CWS/PVC - NYCY	40
3.2 0.6/1KV CU/PVC/CTS/PVC - NYSY	48

4. Copper Cables - Lead Sheath PVC Insulation

4.1 0.6/1KV CU/PVC/LS/PVC - NYKY	56
4.2 0.6/1KV CU/PVC/LS/PVC/DATA/PVC - NYKB(AL)Y	64
4.3 0.6/1 KV CU/PVC/LS/PVC/DSTA/PVC - NYKBY	66
4.3 0.6/1KV CU/PVC/LS/PVC/AWA/PVC - NYKR(AL)	72
4.4 0.6/1KV CU/PVC/LS/PVC/SWA/PVC - NYKRY	74
4.5 0.6/1KV CU/PVC/LS/PVC/SFA/PVC - NYKFY	80

5. Copper Cables - Non Armoured XLPE Insulation

5.1 0.6/1 KV CU/XLPE/PVC - N2XY	84
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6. Copper Cables - Armoured XLPE Insulation

6.1 0.6/1KV CU/XLPE/PVC/DATA/PVC - N2XB(AL)Y	92
6.2 0.6/1KV CU/XLPE/PVC/DSTA/PVC - N2XBY	94
6.3 0.6/1KV CU/XLPE/PVC/AWA/PVC - N2XR(AL)Y	100
6.4 0.6/1KV CU/XLPE/PVC/SWA/PVC - N2XRY	102
6.5 0.6/1KV CU/XLPE/PVC/SFA/PVC - N2XFY	106

7. Copper Cables - Shielded XLPE Insulation

7.1 0.6/1KV CU/XLPE/CWS/PVC - N2XCY	112
7.2 0.6/1KV CU/XLPE/CTS/PVC - N2XSY	120

8. Copper Cables - Lead Sheath XLPE Insulation

8.1 0.6/1KV CU/XLPE/LS/PVC - N2XKY	128
8.2 0.6/1KV CU/XLPE/LS/PVC/DATA/PVC - N2XKB(AL)Y	136
8.3 0.6/1KV CU/XLPE/LS/PVC/DSTA/PVC - N2XKBY	138
8.4 0.6/1KV CU/XLPE/LS/PVC/AWA/PVC - N2XKR(AL)Y	144
8.5 0.6/1KV CU/XLPE/LS/PVC/SWA/PVC - N2XKRY	146
8.6 0.6/1KV CU/XLPE/LS/PVC/SFA/PVC - N2XKFY	152

Copper Cables - Non Armoured PVC Insulation
450/750 V
CU/PVC - NYA



CONSTRUCTION

Conductor : Plain annealed copper wire according to IEC 60228
 · Class 1 for Solid Conductors
 · Class 2 for Stranded Conductors
 Insulation : PVC Compound Type C

CORE IDENTIFICATION

1-core : Brown or Black or Grey or Blue for Lighting
 Green/Yellow for Earthing

STANDARDS APPLIED

SPLN 42-1
 SNI 04-6692.3
 IEC 60227-3
 IEC 60228
 IEC 60332-1

Design and Test Guidelines
 Design and Test Guidelines
 Design and Test Guidelines
 Conductor
 Flame Retardant

IEC 60332-1
IEC 60332-3-24

Standard

Excellent

0 °C

Φ<25 4D
Φ>25 6D

Pb

70° c

160° c

Normal Operation Temperature

Short Circuit Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Cable Weight	Packaging	DC Resistance at 20°C	Insulation Resistance Min. at 70°C	Current Rating in Pipe at 30°C	Current Rating in Air at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	kg/km	m	Ω/km	M.Ω.km	A	A	kA
1x1.5*)	1.38	2.92	21	1000	12.1	0.0100	15	24	0.2
1x2.5*)	1.78	3.54	32	1000	7.41	0.0090	19	32	0.3
1x4	2.27	4.03	48	1000	4.61	0.0077	25	42	0.5
1x6	3.06	4.82	69	1000	3.08	0.0065	33	54	0.7
1x10	4.05	6.25	118	1000	1.83	0.0065	45	73	1.2
1x16	4.95	7.15	176	1000	1.15	0.0050	61	98	1.8
1x25	5.92	8.52	260	1000	0.727	0.0050	83	129	2.9
1x35	7.0	9.6	353	1000	0.524	0.0043	103	158	4.0
1x50	8.15	11.15	478	1000	0.387	0.0043	132	197	5.8
1x70	9.75	12.75	672	1000	0.268	0.0035	165	245	8.1
1x95	11.32	14.72	926	1000	0.193	0.0035	207	290	10.9
1x120	12.8	16.2	1145	1000	0.153	0.0032	235	345	13.8
1x150	14.15	17.95	1413	1000	0.124	0.0032	-	390	17.3
1x185	15.67	19.87	1762	1000	0.0991	0.0032	-	445	21.3
1x240	18.1	22.7	2313	1000	0.0754	0.0032	-	525	27.6
1x300	20.2	25.2	2881	1000	0.0601	0.0030	-	605	34.5
1x400	22.8	28.24	3668	1000	0.0470	0.0028	-	725	41.1

*) Solid Conductors, others conductor type available upon request

Copper Cables - Non Armoured PVC Insulation
300/500 V
CU/PVC/PVC - NYM



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Insulation Type C
Inner Covering	: Cores enveloped in vulcanized rubber or plastic compound
Sheath	: PVC Compound ST4

CORE IDENTIFICATION

With Protective Conductor	
3-cores	Green/Yellow, Blue, Brown
4-cores	Green/Yellow, Blue, Black, Brown
5-cores	Green/Yellow, Blue, Black, Brown, Black
Without Protective Conductor	
2-cores	Blue, Brown
3-cores	Blue, Black, Brown
4-cores	Blue, Black, Brown, Black
5-cores	Blue, Black, Brown, Black, Brown

STANDARDS APPLIED

SPLN 42.2
SNI 04-6629.4
IEC 60227-4
IEC 60228
IEC 60332-1

Design and Test Guidelines
Design and Test Guidelines
Design and Test Guidelines
Conductor
Flame Retardant

IEC 60332-1	Standard	Excellent	0 °C	LSOH	Φ<25 4D Φ>25 6D	Pb-free	Normal Operation Temperature	Short Circuit Temperature

Dimension and Electrical Data

Cross Section	Diameter	Diameter	Covering Diameter	Sheath Diameter	Weight	Coil/Drum	Resistant at 20°C	Resistant at 70°C	Rating in Air at 30°C	Circuit Current for 1s
mm ²	mm	mm	mm	mm	kg/km	m	Ω/km	M.Ω.km	A	kA
2x1.5	1.5	3.0	8	10	143	100/1000	12.1	0.0100	19	0.2
2x2.5	2.0	3.8	9	12	191	100/1000	7.41	0.0090	25	0.3
2x4	2.5	4.3	11	14	291	100/1000	4.61	0.0077	34	0.5
2x6	3.1	4.8	12	15	362	100/1000	3.08	0.0065	44	0.7
2x10	4.0	6.2	14	17	533	50/1000	1.83	0.0065	61	1.2
3x1.5	1.5	3.0	8	11	154	100/1000	12.1	0.0100	19	0.2
3x2.5	2.0	3.8	10	12	211	100/1000	7.41	0.0090	25	0.3
3x4	2.5	4.3	12	14	311	100/1000	4.61	0.0077	34	0.5
3x6	3.1	4.8	13	16	407	100/1000	3.08	0.0065	44	0.7
4x1.5	4.0	6.2	15	17	600	50/1000	1.83	0.0065	61	1.2
4x1.5	1.5	3.0	9	11	183	100/1000	12.1	0.0100	19	0.2
4x2.5	2.0	3.8	11	13	253	100/1000	7.41	0.0090	25	0.3
4x4	2.5	4.3	12	15	344	100/1000	4.61	0.0077	34	0.5
4x6	3.1	4.8	13	16	446	100/1000	3.08	0.0065	44	0.7
4x10	4.0	6.2	17	20	733	50/1000	1.83	0.0065	61	1.2

Copper Cables - Non Armoured PVC Insulation
0.6/1 KV
CU/PVC - NYA



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Insulation Compound

CORE IDENTIFICATION

1-core	Green/Yellow
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STANDARDS APPLIED

SNI IEC 60502-1
IEC 60502-1
IEC 60228
IEC 60332-1

Special Feature on Request:
Flame Retardant Non Category
Anti-termite
Low Smoke Zero Halogen

Design and Test Guidelines
Design and Test Guidelines
Conductor
Flame Retardant

IEC 60332-1 IEC 60332-3-24	Standard	Excellent	0 °C	Φ<25 4D Φ>25 6D		Normal Operation Temperature	Short Circuit Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Cable Weight	Packaging	Max. DC Resistant at 20°C	Current Rating in Air at 30°C	Current Rating in Air at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	kg/km	m	Ω/km	A	A	kA
1x1.5	1.5	3.3	25	1000	12.1	28	21	0.2
1x2.5	2.0	3.8	35	1000	7.41	35	27	0.3
1x4	2.5	4.7	55	1000	4.61	46	37	0.5
1x6	3.1	5.3	75	1000	3.08	58	46	0.8
1x10	4.0	6.2	119	1000	1.83	77	64	1.3
1x16	5.0	7.2	177	1000	1.15	99	84	2.2
1x25	5.9	8.5	260	1000	0.727	128	114	3.4
1x35	7.0	9.6	354	1000	0.524	154	140	4.7
1x50	8.2	11.2	479	1000	0.387	182	172	6.7
1x70	9.8	12.8	672	1000	0.268	222	218	9.4
1x95	11.3	14.7	926	1000	0.193	267	270	12.8
1x120	12.8	16.2	1146	1000	0.153	303	315	16.2
1x150	14.2	18.0	1414	1000	0.124	339	362	20.2
1x185	15.7	19.9	1763	1000	0.0991	383	420	24.9
1x240	18.1	22.7	2313	1000	0.0754	443	503	32.2
1x300	20.2	25.2	2881	1000	0.0601	499	580	40.4
1x400	22.8	28.2	3668	1000	0.0470	564	674	53.9
1x500	26.1	31.9	4671	500	0.0366	635	781	67.4
1x630	29.9	35.7	6021	500	0.0283	711	901	84.9

Copper Cables - Non Armoured PVC Insulation
0.6/1 KV
CU/PVC/PVC - NYY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

1-core	Black
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STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SPLN 43-1 | Design and Test Guidelines |
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen

IEC 60332-1 IEC 60332-3-24	Standard	Excellent	0 °C	14 D	Pb	Normal Operation Temperature	Short Circuit Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Outer Sheath Diameter	Cable Weight	Packaging	DC Resistant at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
1x1.5	1.5	3.3	6	52	1000	12.1	21	28	0.2
1x2.5	2.0	3.8	7	66	1000	7.41	27	35	0.3
1x4	2.5	4.7	8	91	1000	4.61	37	46	0.5
1x6	3.1	5.3	8	115	1000	3.08	46	58	0.7
1x10	4.0	6.2	9	165	1000	1.83	64	77	1.2
1x16	5.0	7.2	10	455	1000	1.15	84	99	1.8
1x25	5.9	8.5	12	639	1000	0.727	114	128	2.9
1x35	7.0	9.6	13	840	1000	0.524	140	154	4.0
1x50	8.2	11.2	14	1109	1000	0.387	172	182	5.8
1x70	9.8	12.8	16	754	1000	0.268	218	222	8.1
1x95	11.3	14.7	18	2063	1000	0.193	270	267	10.9
1x120	12.8	16.2	19	2510	1000	0.153	315	303	13.8
1x150	14.2	18.0	21	1551	1000	0.124	362	339	17.3
1x185	15.7	19.9	24	1924	1000	0.0991	420	383	21.3
1x240	18.1	22.7	27	2500	1000	0.0754	503	443	27.6
1x300	20.2	25.2	29	3098	1000	0.0601	580	499	34.5
1x400	22.8	28.2	33	7846	1000	0.0470	674	564	41.1
1x500	26.1	31.9	36	4989	500	0.0366	781	635	51.4
1x630	29.9	35.7	40	12862	500	0.0283	901	711	64.8

Copper Cables - Non Armoured PVC Insulation
0.6/1 KV
CU/PVC/PVC - NYY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering (Optional)	: PVC Filler
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SPLN 43-1	Design and Test Guidelines
SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen

IEC 60332-1 IEC 60332-3-24	Standard	Excellent	0 °C	14 D		Normal Operation Temperature	Short Circuit Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Outer Sheath Diameter	Cable Weight	Packaging	DC Resistant at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x1.5	1.5	3.3	-	10	140	1000	12.1	23	27	0.2
2x2.5	2.0	3.8	-	11	175	1000	7.41	30	36	0.3
2x4	2.5	4.7	-	13	249	1000	4.61	40	47	0.5
2x6	3.1	5.3	-	14	313	1000	3.08	51	60	0.7
2x10	4.0	6.2	15	18	550	1000	1.83	70	81	1.2
2x16	5.0	7.2	17	20	702	1000	1.15	93	105	1.8
2x25	5.9	8.5	20	24	993	1000	0.727	123	135	2.9
2x35	7.0	9.6	23	26	1287	1000	0.524	151	164	4.0
2x50	8.2	11.2	26	29	1666	1000	0.387	182	193	5.8
2x70	9.8	12.8	29	33	2281	1000	0.268	230	238	8.1
2x95	11.3	14.7	33	37	3024	1000	0.193	280	284	10.9
2x120	12.8	16.2	36	40	3726	1000	0.153	325	324	13.8
2x150	14.2	18.0	40	44	4539	1000	0.124	371	365	17.3
2x185	15.7	19.9	44	48	5541	1000	0.0991	424	410	21.3
2x240	18.1	22.7	49	54	7148	500	0.0754	501	475	27.6
2x300	20.2	25.2	54	60	8784	500	0.0601	572	533	34.5
2x1.5	1.5	3.3	-	11	163	1000	12.10	19	23	0.2
2x2.5	2.0	3.8	-	12	207	1000	7.41	26	31	0.3
2x4	2.5	4.7	-	14	299	1000	4.61	34	40	0.5
2x6	3.1	5.3	-	15	381	1000	3.08	44	50	0.7
2x10	4.0	6.2	16	19	644	1000	1.83	60	69	1.2
2x16	5.0	7.2	19	22	899	1000	1.15	79	89	1.8
2x25	5.9	8.5	21	25	1235	1000	0.73	105	115	2.9
2x35	7.0	9.6	24	28	1618	1000	0.52	129	138	4.0
2x50	8.2	11.2	28	31	2124	1000	0.39	162	170	5.8
2x70	9.8	12.8	31	35	2853	1000	0.27	203	208	8.1
2x95	11.3	14.7	36	40	3952	1000	0.19	250	249	10.9
2x120	12.8	16.2	39	43	4795	1000	0.15	289	284	13.8
2x150	14.2	18.0	43	47	5854	500	0.12	330	318	17.3
2x185	15.7	19.9	47	52	7175	500	0.10	381	360	21.3
2x240	18.1	22.7	53	58	9282	500	0.08	451	416	27.6
2x300	20.2	25.2	58	64	11436	250	0.06	517	469	34.5

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Outer Sheath Diameter	Cable Weight	Packaging	DC Resistant at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x1.5	1.5	3.3	-	12	194	1000	12.10	22	27	0.2
4x2.5	2.0	3.8	-	13	248	1000	7.41	29	35	0.3
4x4	2.5	4.7	-	15	362	1000	4.61	39	46	0.5
4x6	3.1	5.3	-	17	465	1000	3.08	50	58	0.7
4x10	4.0	6.2	18	22	799	1000	1.83	68	78	1.2
4x16	5.0	7.2	20	23	1058	1000	1.15	90	100	1.8
4x25	5.9	8.5	24	27	1553	1000	0.73	121	129	2.9
4x35	7.0	9.6	27	30	2010	1000	0.52	149	156	4.0
4x50	8.2	11.2	30	34	2649	1000	0.39	173	175	5.8
4x70	9.8	12.8	34	38	3661	1000	0.27	215	214	8.1
4x95	11.3	14.7	40	44	4973	1000	0.19	266	258	10.9
4x120	12.8	16.2	43	48	6073	500	0.15	308	292	13.8
4x150	14.2	18.0	47	52	7395	500	0.12	357	330	17.3
4x185	15.7	19.9	52	57	9117	500	0.10	405	370	21.3
4x240	18.1	22.7	59	64	11857	250	0.08	482	429	27.6
4x300	20.2	25.2	65	71	14596	250	0.06	552	484	34.5

Copper Cables - Non Armoured PVC Insulation
0.6/1 KV
CU/PVC/PVC - NYY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

5-cores	Brown, Black, Grey, Blue, [Green/Yellow]
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STANDARDS APPLIED

SPLN 43-1
SNI IEC 60502-1
IEC 60502-1
IEC 60228
IEC 60332-1
IEC 60332-3-24

Design and Test Guidelines
Design and Test Guidelines
Design and Test Guidelines
Conductor
Flame Retardant
Flame Retardant Cat. C

Special Feature on Request:

Flame Retardant Cat. C
Flame Retardant Non Category
Anti-termite
Anti-Rodent
Oil Resistance
UV Resistance
Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Outer Sheath Diameter	Cable Weight	Packaging	DC Resistant at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x1.5	1.5	3.3	-	13	230	1000	12.1	23	27	0.2
5x2.5	2.0	3.8	-	14	297	1000	7.41	30	36	0.3
5x4	2.5	4.7	-	17	436	1000	4.61	41	47	0.5
5x6	3.1	5.3	-	18	563	1000	3.08	52	60	0.7
5x10	4.0	6.2	19	23	939	1000	1.83	71	79	1.2
5x16	5.0	7.2	22	26	1362	1000	1.15	94	102	1.8
5x25	5.9	8.5	27	30	1932	1000	0.727	126	132	2.9
5x35	7.0	9.6	28	32	2432	1000	0.524	155	159	4.0
5x50	8.2	11.2	33	37	3326	1000	0.387	189	187	5.8
5x70	9.8	12.8	39	43	4556	1000	0.268	207	206	8.1
5x95	11.3	14.8	44	49	6117	500	0.193	254	247	10.9
5x120	12.8	16.3	48	53	7516	500	0.153	295	282	13.8
5x150	14.2	18.0	53	58	9192	500	0.124	336	316	17.3
5x185	15.7	20.0	58	64	11337	250	0.0991	384	356	21.3
5x240	18.1	22.9	66	72	14674	250	0.0754	455	412	27.6

Copper Cables - Armoured PVC Insulation
 0.6/1 KV
 CU/PVC/PVC/DATA/PVC - NYB(AL)Y



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Armour	: Double Aluminum Tape
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

1-core Natural or Black

Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SPLN 43-3 | Design and Test Guidelines |
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-24 | Flame Retardant Cat. C |
| IEC 60332-3-22 | Flame Retardant Cat. A |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen

IEC 60332-1 IEC 60332-3-22 IEC 60332-3-23 IEC 60332-3-24	Standard	Excellent	0 °C	14 D		Normal Operation Temperature	Short Circuit Temperature

Dimension and Electrical Data

Cross Section	Tension Uo/U	Conductor Diameter	Insulation Diameter	Metalic Screen Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 20°C	Current Rating in Ground at 20°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
1x25	5.9	8.5	11	12	16	447	1000	0.727	127	129	2.9
1x35	7.0	9.6	12	13	17	558	1000	0.524	154	155	4.0
1x50	8.2	11.2	14	15	19	707	1000	0.387	187	183	5.8
1x70	9.8	12.8	16	16	20	926	1000	0.268	234	224	8.1
1x95	11.3	14.7	18	18	22	1210	1000	0.193	286	267	10.9
1x120	12.8	16.2	19	0	23	1404	1000	0.153	331	302	13.8
1x150	14.2	18.0	21	23	27	1842	1000	0.124	376	337	17.3
1x185	15.7	19.9	23	24	27	2123	1000	0.0991	431	379	21.3
1x240	18.1	22.7	26	28	31	2849	1000	0.0754	507	433	27.6
1x300	20.2	25.2	28	31	34	3457	1000	0.0601	573	477	34.5
1x400	22.8	28.2	31	33	37	4314	1000	0.047	650	527	41.1
1x500	26.1	31.9	35	37	41	5429	500	0.0366	732	579	51.4
1x630	29.9	35.7	39	41	45	6898	500	0.0283	820	631	64.8

Copper Cables - Armoured PVC Insulation

0.6/1 KV

CU/PVC /PVC/DSTA/PVC- NYBY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Armour	: Double Galvanized Steel Tapes Armor
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SPLN 43-3	Design and Test Guidelines
SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-23	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x6	3.1	5.3	13	14	17	505	1000	3.08	52	61	0.7
2x10	4.0	6.2	15	16	19	666	1000	1.83	71	82	1.2
2x16	5.0	7.2	17	18	21	853	1000	1.15	94	106	1.8
2x25	6.4	9.0	21	22	25	1268	1000	0.727	124	136	2.9
2x35	7.0	9.6	23	23	27	1471	1000	0.524	152	165	4
2x50	8.2	11.2	26	27	30	1881	1000	0.387	184	195	5.8
2x70	9.8	12.8	29	30	33	2461	1000	0.268	232	240	8.1
2x95	11.3	14.7	33	34	38	3245	1000	0.193	282	286	10.9
2x120	12.8	16.2	36	39	43	4358	1000	0.153	330	327	13.8
2x150	14.2	18.0	40	42	47	5209	500	0.124	376	367	17.3
2x185	15.7	19.9	44	46	51	6296	500	0.0991	430	412	21.3
2x240	18.1	22.7	49	52	57	7998	500	0.0754	506	477	27.6
2x300	20.2	25.4	55	57	63	9760	500	0.0601	576	533	34.5
2x400	22.8	28.2	61	63	69	12049	250	0.047	604	604	41.1
3x4	2.5	4.7	16	16	20	616	1000	4.61	35	41	0.5
3x6	3.1	5.3	14	15	18	582	1000	3.08	44	52	0.7
3x10	4.0	6.2	16	17	20	783	1000	1.83	61	70	1.2
3x16	5.0	7.2	19	19	23	1063	1000	1.15	80	90	1.8
3x25	6.4	9.0	23	23	27	1536	1000	0.727	106	116	2.9
3x35	7.0	9.6	24	25	28	1807	1000	0.524	131	139	4
3x50	8.2	11.2	28	28	32	2343	1000	0.387	164	172	5.8
3x70	9.8	12.8	31	32	35	3105	1000	0.268	205	209	8.1
3x95	11.3	14.7	36	38	42	4572	1000	0.193	255	251	10.9
3x120	12.8	16.2	39	42	46	5470	500	0.153	294	287	13.8
3x150	14.2	18.0	43	45	50	6569	500	0.124	336	320	17.3
3x185	15.7	19.9	47	49	54	7981	500	0.0991	386	362	21.3
3x240	18.1	22.7	53	56	61	10191	250	0.0754	455	417	27.6
3x300	20.2	25.4	59	61	67	12485	250	0.0601	522	470	34.5
3x400	22.8	28.2	65	67	73	15490	250	0.047	561	515	41.1

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x2.5	2.0	3.8	15	15	19	553	1000	7.41	30	36	0.3
4x4	2.5	4.7	16	16	20	634	1000	4.61	40	47	0.5
4x6	3.1	5.1	17	17	21	745	1000	3.08	51	59	0.7
4x10	4.0	6.1	18	19	22	972	1000	1.83	69	79	1.2
4x16	5.0	7.2	20	21	24	1267	1000	1.15	92	101	1.8
4x25	6.4	9.0	25	26	29	1898	1000	0.727	123	131	2.9
4x35	7.0	9.6	27	27	31	2211	1000	0.524	151	158	4
4x50	8.2	11.2	30	31	35	2898	1000	0.387	174	177	5.8
4x70	9.8	12.8	34	37	41	4228	1000	0.268	220	217	8.1
4x95	11.3	14.8	40	42	46	5659	500	0.193	271	260	10.9
4x120	12.8	16.2	43	46	50	6778	500	0.153	313	295	13.8
4x150	14.2	18.0	47	50	55	8189	500	0.124	362	332	17.3
4x185	15.7	19.9	52	55	60	9975	500	0.0991	411	373	21.3
4x240	18.1	22.7	59	61	67	12769	250	0.0754	487	431	27.6
4x300	20.2	25.4	65	68	74	15841	250	0.0601	557	485	34.5

Copper Cables - Armoured PVC Insulation
0.6/1 KV
CU/PVC/PVC/DSTA/PVC - NYBY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Armour	: Double Galvanized Steel Tapes Armor
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

5-cores	Brown, Black, Grey, Blue, [Green/Yellow]
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Other colors are available upon request

STANDARDS APPLIED

- SPLN 43-3
- SNI IEC 60502-1
- IEC 60502-1
- IEC 60228
- IEC 60332-1
- IEC 60332-3-22
- IEC 60332-3-23
- IEC 60332-3-23
- Design and Test Guidelines
- Design and Test Guidelines
- Design and Test Guidelines
- Conductor
- Flame Retardant
- Flame Retardant Cat. A
- Flame Retardant Cat. B
- Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x2.5	2.0	3.7	16	16	20	655	1000	7.41	31	36	0.3
5x4	2.5	4.7	17	18	21	728	1000	4.61	42	48	0.5
5x6	3.1	5.3	19	19	23	880	1000	3.08	53	60	0.7
5x10	4	6.2	20	21	24	1133	1000	1.83	72	80	1.2
5x16	5.0	7.2	22	23	26	1510	1000	1.15	95	103	1.8
5x25	6.4	9	28	29	32	2247	1000	0.727	128	133	2.9
5x35	7.0	9.6	29	30	34	2650	1000	0.524	157	160	4
5x50	8.2	11.2	34	36	40	3837	1000	0.387	191	188	5.8
5x70	9.8	12.8	39	41	45	5156	1000	0.268	209	209	8.1
5x95	11.3	14.7	44	46	51	6892	500	0.193	255	250	10.9
5x120	12.8	16.2	48	50	55	8167	500	0.153	296	286	13.8
5x150	14.2	18	53	55	60	9879	250	0.124	336	320	17.3
5x185	15.7	19.9	58	60	66	12021	250	0.0991	385	361	21.3

Copper Cables - Armoured PVC Insulation
0.6/1 KV
CU/PVC/PVC/AWA/PVC - NYR(AL)Y



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Armour	: Galvanized Steel Wires
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

1-core	Natural or Black
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Other colors are available upon request

STANDARDS APPLIED

- SPLN 43-2
- SNI IEC 60502-1
- IEC 60502-1
- IEC 60228
- IEC 60332-1
- IEC 60332-3-22
- IEC 60332-3-23
- IEC 60332-3-24
- Design and Test Guidelines
- Design and Test Guidelines
- Design and Test Guidelines
- Conductor
- Flame Retardant
- Flame Retardant Cat. A
- Flame Retardant Cat. B
- Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
1x25	5.9	8.5	11	15	18	559	1000	0.727	127	128	2.9
1x35	7.0	9.6	12	16	19	683	1000	0.524	154	153	4.0
1x50	8.2	11.2	14	17	21	844	1000	0.387	187	181	5.8
1x70	9.8	12.8	16	19	23	1064	1000	0.268	234	222	8.1
1x95	11.3	14.7	18	21	25	1374	1000	0.193	286	264	10.9
1x120	12.8	16.2	19	22	26	1616	1000	0.153	331	299	13.8
1x150	14.2	18.0	21	24	28	1924	1000	0.124	376	334	17.3
1x185	15.7	19.9	23	26	30	2390	1000	0.0991	431	375	21.3
1x240	18.1	22.7	26	29	33	2944	1000	0.0754	507	429	27.6
1x300	20.2	25.2	28	32	36	3673	1000	0.0601	573	472	34.5
1x400	22.8	28.2	31	35	40	4547	1000	0.047	650	522	41.1
1x500	26.1	31.9	35	39	43	5689	500	0.0366	732	573	51.4
1x630	29.9	35.7	39	44	49	7425	500	0.0283	820	625	64.8

Copper Cables - Armoured PVC Insulation
0.6/1 KV
CU/PVC/PVC/AWA/PVC - NYRY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Armour	: Galvanized Steel Wires
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SPLN 43-2	Design and Test Guidelines
SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x1.5	1.5	3.3	9	11	15	356	1000	12.1	24	28	0.2
2x2.5	2.0	3.8	10	12	15	417	1000	7.41	32	37	0.3
2x4	2.5	4.7	12	14	17	537	1000	4.61	42	48	0.5
2x6	3.1	5.3	13	16	19	705	1000	3.08	54	62	0.7
2x10	4.0	6.1	15	17	21	868	1000	1.83	73	83	1.2
2x16	5.0	7.2	17	19	23	1080	1000	1.15	97	107	1.8
2x25	5.9	8.5	20	23	26	1558	1000	0.727	128	138	2.9
2x35	7.0	9.6	22	25	28	1887	1000	0.524	157	167	4.0
2x50	8.2	11.2	25	28	32	2355	1000	0.387	188	196	5.8
2x70	9.8	12.8	28	32	36	3198	1000	0.268	238	242	8.1
2x95	11.3	14.8	33	37	42	4263	1000	0.193	288	287	10.9
2x120	12.8	16.3	37	41	46	5142	500	0.153	333	326	13.8
2x150	14.2	18.0	40	45	50	6463	500	0.124	381	367	17.3
2x185	15.7	20.0	44	49	55	7680	500	0.0991	433	410	21.3
2x240	18.1	22.9	50	55	61	9534	500	0.0754	506	471	27.6
2x300	20.2	25.4	55	60	66	11417	250	0.0601	573	525	34.5
3x1.5	1.5	3.3	10	11	15	389	1000	12.1	20	24	0.2
3x2.5	2.0	3.8	11	12	16	457	1000	7.41	27	32	0.3
3x4	2.5	4.7	13	15	19	675	1000	4.61	36	41	0.5
3x6	3.1	5.3	14	16	20	794	1000	3.08	46	53	0.7
3x10	4.0	6.1	16	18	22	1029	1000	1.83	63	70	1.2
3x16	5.0	7.2	18	21	24	1302	1000	1.15	83	91	1.8
3x25	5.9	8.5	21	24	27	1830	1000	0.727	110	117	2.9
3x35	7.0	9.6	23	26	30	2246	1000	0.524	134	141	4.0
3x50	8.2	11.2	27	30	34	2857	1000	0.387	168	173	5.8
#x70	9.8	12.8	31	35	39	4052	1000	0.268	212	211	8.1
3x95	11.3	14.8	36	40	45	5306	500	0.193	259	252	10.9
3x120	12.8	16.3	39	43	48	6318	500	0.153	299	287	13.8
3x150	14.2	18.0	43	48	53	7919	500	0.124	342	320	17.3
3x185	15.7	20.0	47	52	58	9440	500	0.0991	391	361	21.3
3x240	18.1	22.9	53	58	65	11828	250	0.0754	457	413	27.6
3x300	20.2	25.4	59	64	70	14269	250	0.0601	519	462	34.5

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x1.5	1.5	3.3	10	12	16	434	1000	12.1	23	28	0.2
4x2.5	2.0	3.8	12	13	17	515	1000	7.41	31	36	0.3
4x4	2.5	4.7	14	16	20	779	1000	4.61	42	48	0.5
4x6	3.1	5.3	15	18	21	932	1000	3.08	53	60	0.7
4x10	4.0	6.1	18	20	23	1212	1000	1.83	72	80	1.2
4x16	5.0	7.2	20	23	27	1705	1000	1.15	96	103	1.8
4x25	5.9	8.5	23	26	30	2196	1000	0.727	128	133	2.9
4x35	7.0	9.6	26	29	32	2724	1000	0.524	156	159	4.0
4x50	8.2	11.2	30	34	39	3895	1000	0.387	180	178	5.8
4x70	9.8	12.8	34	38	43	4927	500	0.268	224	217	8.1
4x95	11.3	14.8	40	45	50	6879	500	0.193	277	261	10.9
4x120	12.8	16.3	43	48	54	8172	500	0.153	318	295	13.8
4x150	14.2	18.0	48	53	58	9735	500	0.124	366	331	17.3
4x185	15.7	20.0	52	57	64	11677	250	0.0991	413	369	21.3
4x240	18.1	22.9	59	64	71	14700	250	0.0754	485	424	27.6

Copper Cables - Armoured PVC Insulation
0.6/1 KV
CU/PVC /PVC/SWA/PVC - NYRY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Armour	: Galvanized Steel Wires
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

5-cores Brown, Black, Grey, Blue, Green/Yellow

Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SPLN 43-2 | Design and Test Guidelines |
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x1.5	1.5	3.2	11	13	16	535	1000	12.1	24	28	0.2
5x2.5	2.0	3.8	13	15	19	767	1000	7.41	32	37	0.3
5x4	2.5	4.7	15	18	21	879	1000	4.61	43	49	0.5
5x6	3.1	5.3	17	19	23	1184	1000	3.08	55	61	0.7
5x10	4.0	6.0	19	22	25	1459	1000	1.83	75	81	1.2
5x16	5.0	6.9	22	25	28	1927	1000	1.15	99	105	1.8
5x25	5.9	8.5	27	30	33	2673	1000	0.727	132	134	2.9
5x35	7.0	9.6	29	33	38	3564	1000	0.524	163	162	4.0
5x50	8.2	11.2	33	37	42	4607	1000	0.387	197	190	5.8
5x70	9.8	12.8	39	43	48	6019	500	0.268	211	209	8.1
5x95	11.3	14.8	44	49	55	8227	500	0.193	258	250	10.9
5x120	12.8	16.3	48	53	59	9791	500	0.153	298	285	13.8
5x150	14.2	18.0	53	58	64	11711	250	0.124	337	317	17.3
5x185	15.7	20.0	58	63	70	14057	250	0.0991	383	355	21.3

Copper Cables - Armoured PVC Insulation
0.6/1 KV
CU/PVC/PVC/SFA/PVC - NYFY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Armour	: Galvanized Steel Flat
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue
5-cores	Brown, Black, Grey, Blue.[Green/Yellow]

Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen

IEC 60332-1 IEC 60332-3-22 IEC 60332-3-23 IEC 60332-3-24	Standard	Excellent	0 °C	14 D		Normal Operation Temperature	Short Circuit Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x25	5.9	8.5	20	21	25	1390	1000	0.727	126	137	3.4
2x35	7.0	9.6	22	23	27	1695	1000	0.524	155	166	4.7
2x50	8.2	11.2	26	27	31	2223	1000	0.387	186	196	6.7
2x70	9.8	12.8	29	31	35	2852	1000	0.268	235	241	9.4
2x95	11.3	14.7	33	35	38	3821	1000	0.193	286	287	12.8
2x120	12.8	16.2	36	38	43	4462	1000	0.153	331	327	16.2
2x150	14.2	18.0	40	42	47	5317	500	0.124	377	368	20.2
2x185	15.7	19.9	44	45	51	6398	500	0.0991	430	412	24.9
2x240	18.1	22.7	49	51	57	8112	500	0.0754	507	477	32.3
2x300	20.2	25.2	54	56	62	9854	500	0.0601	577	535	40.4
3x16	5.0	7.2	19	20	24	1269	1000	1.15	82	91	2.2
3x25	5.9	8.5	21	22	26	1608	1000	0.727	108	117	3.4
3x35	7.0	9.6	23	25	29	2019	1000	0.524	133	140	4.7
3x50	8.2	11.2	27	28	32	2584	1000	0.387	166	173	6.7
3x70	9.8	12.8	31	32	37	3490	1000	0.268	208	211	9.4
3x95	11.3	14.8	36	38	42	4659	1000	0.193	255	252	12.8
3x120	12.8	16.2	39	41	46	5591	500	0.153	295	287	16.2
3x150	14.2	18.0	43	45	50	6719	500	0.124	337	321	20.2
3x185	15.7	20.0	47	49	54	8177	500	0.0991	387	363	24.9
3x240	18.1	22.9	53	55	61	10392	500	0.0754	457	418	32.3
3x300	20.2	25.4	59	60	67	12656	250	0.0601	523	471	40.4
4x10	4.0	6.2	18	20	24	1176	1000	1.83	71	80	1.3
4x16	5.0	7.2	20	22	26	1531	1000	1.15	94	102	2.2
4x25	5.9	8.5	24	26	30	2053	1000	0.727	126	132	3.4
4x35	7.0	9.6	27	28	32	2587	1000	0.524	154	159	4.7
4x50	8.2	11.2	30	32	36	3312	1000	0.387	177	178	6.7
4x70	9.8	12.8	34	36	41	4363	500	0.268	221	217	9.4
4x95	11.3	14.8	40	41	46	5766	500	0.193	272	260	12.8
4x120	12.8	16.2	43	45	50	6937	500	0.153	314	295	16.2
4x150	14.2	18.0	47	49	54	8372	500	0.124	363	333	20.2
4x185	15.7	20.0	52	54	60	10170	250	0.0991	412	373	24.9
4x240	18.1	22.9	59	60	67	13034	250	0.0754	488	431	32.3
4x300	20.2	25.4	65	67	73	15906	250	0.0601	559	486	40.4

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x6	3.1	5.1	16	18	22	968	1000	3.08	54	61	0.8
5x10	4.0	6.2	20	22	25	1368	1000	1.83	74	81	1.3
5x16	5.0	7.2	22	24	28	1778	1000	1.15	97	104	2.2
5x25	5.9	8.5	27	28	32	2431	1000	0.727	130	134	3.4
5x35	7.0	9.6	28	30	34	2995	500	0.524	160	161	4.7
5x50	8.2	11.2	33	35	39	3935	500	0.387	194	190	6.7
5x70	9.8	12.8	39	40	45	5335	500	0.268	206	206	9.4
5x95	11.3	14.7	44	45	51	7017	500	0.193	251	246	12.8
5x120	12.8	16.2	48	49	55	8459	500	0.153	291	281	16.2
5x150	14.2	18.0	53	54	60	10181	250	0.124	331	315	20.2
5x185	15.7	19.9	58	59	66	12416	250	0.0991	377	354	24.9

Copper Cables - Shielded PVC Insulation
0.6/1 KV
CU/PVC/CWS/PVC - NYCY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Concentric Conductor	: Plain Annealed Copper Wires
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

1-core	Natural or Black
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Other colors are available upon request

STANDARDS APPLIED

- SPLN 43-4
- SNI IEC 60502-1
- IEC 60502-1
- IEC 60228
- IEC 60332-1
- IEC 60332-3-22
- IEC 60332-3-23
- IEC 60332-3-24
- Design and Test Guidelines
- Design and Test Guidelines
- Design and Test Guidelines
- Conductor
- Flame Retardant
- Flame Retardant Cat. A
- Flame Retardant Cat. B
- Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Concentric Conductor Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
1x1.5	1.5	3.3	7	8	12	159	1000	12.1	24	27	0.2
1x2.5	2.0	3.8	8	9	12	187	1000	7.41	31	35	0.3
1x4	2.5	4.7	8	9	12	216	1000	4.61	41	46	0.5
1x6	3.1	5.1	0	10	13	265	1000	3.08	52	58	0.7
1x10	4.0	6.1	0	11	14	358	1000	1.83	70	77	1.2
1x16	5.0	7.2	10	12	15	480	1000	1.15	94	100	1.8
1x25	5.9	8.5	12	14	17	594	1000	0.727	124	128	2.9
1x35	7.0	9.6	13	15	18	703	1000	0.524	151	154	4
1x50	8.2	11.2	14	16	20	937	1000	0.387	185	183	5.8
1x70	9.8	12.8	16	19	22	1246	1000	0.268	232	223	8.1
1x95	11.3	14.7	17	20	24	1653	1000	0.193	284	266	10.9
1x120	12.8	16.2	19	22	25	2078	1000	0.153	329	300	13.8
1x150	14.2	18.0	21	24	27	2387	1000	0.124	373	334	17.3
1x185	15.7	19.9	23	26	29	2920	1000	0.0991	426	372	21.3
1x240	18.1	22.7	26	0	34	2709	1000	0.0754	495	420	27.6
1x300	20.2	25.2	28	33	37	4735	1000	0.0601	555	460	34.5

Copper Cables - Shielded PVC Insulation
0.6/1 KV
CU/PVC/CWS/PVC - NYCY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Concentric Conductor	: Plain Annealed Copper Wires
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SPLN 43-4	Design and Test Guidelines
SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen

IEC 60332-1 IEC 60332-3-22 IEC 60332-3-23 IEC 60332-3-24	Standard	Excellent	0 °C	14 D	Pb	Normal Operation Temperature	Short Circuit Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Concentric Conductor Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x1.5	1.5	3.3	9	11	15	246	1000	12.1	24	28	0.2
2x2.5	2.0	3.8	10	12	15	317	1000	7.41	31	37	0.3
2x4	2.5	4.7	12	13	17	418	1000	4.61	42	48	0.5
2x6	3.1	5.1	13	15	18	481	1000	3.08	53	61	0.7
2x10	4.0	6.1	14	16	19	603	1000	1.83	72	82	1.2
2x16	5.0	7.2	16	18	21	870	1000	1.15	96	107	1.8
2x25	5.9	8.5	20	22	25	1190	1000	0.727	126	137	2.9
2x35	7.0	9.6	23	24	28	1504	1000	0.524	154	166	4
2x50	8.2	11.2	26	27	31	1969	1000	0.387	187	196	5.8
2x70	9.8	12.8	29	31	35	2631	1000	0.268	234	241	8.1
2x95	11.3	14.7	33	36	40	3542	500	0.193	285	287	10.9
2x120	12.8	16.2	36	39	44	4434	500	0.153	332	327	13.8
2x150	14.2	18.0	40	43	48	5234	500	0.124	377	366	17.3
2x185	15.7	19.9	44	47	52	6479	250	0.0991	429	409	21.3
2x240	18.1	22.7	49	53	59	8382	250	0.0754	503	471	27.6
2x300	20.2	25.2	54	58	64	10267	250	0.0601	568	522	34.5
3x1.5	1.5	3.3	10	11	15	276	1000	12.1	20	24	0.2
3x2.5	2.0	3.8	11	12	16	325	1000	7.41	27	31	0.3
3x4	2.5	4.7	13	14	18	457	1000	4.61	35	41	0.5
3x6	3.1	5.1	14	16	19	543	1000	3.08	45	52	0.7
3x10	4.0	6.1	16	18	21	769	1000	1.83	61	70	1.2
3x16	5.0	7.2	19	21	24	1095	1000	1.15	82	91	1.8
3x25	5.9	8.5	21	23	27	1434	1000	0.727	108	116	2.9
3x35	7.0	9.6	24	26	30	1825	1000	0.524	132	140	4
3x50	8.2	11.2	28	29	33	2428	1000	0.387	167	173	5.8
3x70	9.8	12.8	30	33	36	3200	1000	0.268	208	210	8.1
3x95	11.3	14.7	36	39	43	4465	1000	0.193	255	252	10.9
3x120	12.8	16.2	39	42	46	5472	500	0.153	296	287	13.8
3x150	14.2	18.0	43	45	50	6513	500	0.124	337	320	17.3
3x185	15.7	19.9	47	50	55	8072	250	0.0991	386	360	21.3
3x240	18.1	22.7	53	57	63	10498	250	0.0754	454	413	27.6
3x300	20.2	25.2	58	62	68	12926	250	0.0601	516	461	34.5

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Concentric Conductor Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x1.5	1.5	3.3	10	12	16	311	1000	12.1	23	28	0.2
4x2.5	2.0	3.8	12	13	17	380	1000	7.41	30	36	0.3
4x4	2.5	4.7	14	16	19	521	1000	4.61	41	47	0.5
4x6	3.1	5.1	15	17	20	643	1000	3.08	52	60	0.7
4x10	4.0	6.1	18	19	23	917	1000	1.83	70	79	1.2
4x16	5.0	7.2	21	21	25	1268	1000	1.15	93	102	1.8
4x25	5.9	8.5	23	24	28	1667	1000	0.727	125	131	2.9
4x35	7.0	9.6	27	28	32	2240	1000	0.524	152	158	4
4x50	8.2	11.2	30	32	35	2934	1000	0.387	176	177	5.8
4x70	9.8	12.8	34	36	40	3946	1000	0.268	220	216	8.1
4x95	11.3	14.7	39	42	47	5423	500	0.193	272	260	10.9
4x120	12.8	16.2	43	46	50	6737	500	0.153	315	295	13.8
4x150	14.2	18.0	47	50	55	8086	500	0.124	363	331	17.3
4x185	15.7	19.9	52	55	60	10029	250	0.0991	410	370	21.3
4x240	18.1	22.7	59	62	68	12923	250	0.0754	484	425	27.6
4x300	20.2	25.2	65	69	75	16118	250	0.0601	550	474	34.5

Copper Cables - Shielded PVC Insulation
 0.6/1 KV
 CU/PVC/CWS/PVC - NYCY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Concentric Conductor	: Plain Annealed Copper Wires
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

5-cores Brown, Black, Grey, Blue, [Green/Yellow]

Other colors are available upon request

STANDARDS APPLIED

- SPLN 43-4
- SNI IEC 60502-1
- IEC 60502-1
- IEC 60228
- IEC 60332-1
- IEC 60332-3-22
- IEC 60332-3-23
- IEC 60332-3-24
- Design and Test Guidelines
- Design and Test Guidelines
- Design and Test Guidelines
- Conductor
- Flame Retardant
- Flame Retardant Cat. A
- Flame Retardant Cat. B
- Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen

IEC 60332-1 IEC 60332-3-22 IEC 60332-3-23 IEC 60332-3-24	Standard	Excellent	0 °C	14 D		Normal Operation Temperature	Short Circuit Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Concentric Conductor Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x1.5	1.5	3.3	11	12	16	402	1000	12.1	24	28	0.2
5x2.5	2.0	3.8	13	14	18	520	1093	7.41	31	37	0.3
5x4	2.5	4.7	15	17	21	721	1075	4.61	42	48	0.5
5x6	3.1	5.1	17	18	22	753	1000	3.08	53	61	0.7
5x10	4.0	6.1	20	22	25	1113	1075	1.83	73	80	1.2
5x16	5.0	7.2	22	24	28	1536	1000	1.15	97	104	1.8
5x25	5.9	8.5	27	28	32	2102	1329	0.727	129	133	2.9
5x35	7.0	9.6	29	31	35	2687	1024	0.524	158	160	4
5x50	8.2	11.2	34	35	40	3594	1000	0.387	192	188	5.8
5x70	9.8	12.8	39	41	45	4941	1000	0.268	210	209	8.1
5x95	11.3	14.7	44	47	52	6669	500	0.193	255	249	10.9
5x120	12.8	16.2	48	51	56	8221	500	0.153	296	284	13.8
5x150	14.2	18.0	53	55	61	9894	500	0.124	335	318	17.3
5x185	15.7	19.9	58	61	67	12222	250	0.0991	381	356	21.3

Copper Cables - Shielded PVC Insulation
0.6/1 KV
CU/PVC/CTS/PVC - NYSY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Screen	: Plain Annealed Copper Tapes
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

1-core	Natural or Black
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Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Screen Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
1x25	5.9	8.5	11	12	15	445	1000	0.727	119	126	2.9
1x35	7.0	9.6	12	13	16	562	1000	0.524	146	152	4
1x50	8.2	11.2	14	14	17	689	1000	0.387	178	181	5.8
1x70	9.8	12.8	16	16	20	931	1000	0.268	224	221	8.1
1x95	11.3	14.7	18	18	22	1217	1000	0.193	276	265	10.9
1x120	12.8	16.2	19	20	23	1461	1000	0.153	320	302	13.8
1x150	14.2	17.8	20	21	24	1721	1000	0.124	366	338	17.3
1x185	15.7	19.9	23	23	27	2138	1000	0.0991	424	383	21.3
1x240	18.1	22.7	26	26	30	2735	1000	0.0754	505	443	27.6
1x300	20.2	25.2	28	28	32	3359	1000	0.0601	581	498	34.5
1x400	22.8	28.2	31	31	36	4253	500	0.047	672	563	41.1
1x500	26.1	31.9	35	35	40	5343	500	0.0366	776	632	51.4
1x630	29.9	35.7	39	39	44	6785	500	0.0283	891	706	64.8

Copper Cables - Shielded PVC Insulation
0.6/1 KV
CU/PVC/CTS/PVC - NYSY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Screen	: Plain Annealed Copper Tapes
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen

IEC 60332-1 IEC 60332-3-22 IEC 60332-3-23 IEC 60332-3-24	Standard	Excellent	0 °C	14 D		Normal Operation Temperature	Short Circuit Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Screen Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x1.5	1.5	3.3	9	9	13	226	1000	12.1	23	28	0.2
2x2.5	2.0	3.8	10	10	14	264	1000	7.41	31	37	0.3
2x4	2.5	4.7	12	12	15	350	1000	4.61	41	48	0.5
2x6	3.1	5.1	13	13	17	428	1000	3.08	52	61	0.7
2x10	4.0	6.1	15	15	19	565	1000	1.83	71	82	1.2
2x16	5.0	7.2	17	17	21	770	1000	1.15	94	106	1.8
2x25	5.9	8.5	20	20	24	1022	1000	0.727	123	136	2.9
2x35	7.0	9.6	21	22	25	1237	1000	0.524	152	165	4
2x50	8.2	11.2	26	26	29	1690	1000	0.387	183	195	5.8
2x70	9.8	12.8	29	29	33	2238	1000	0.268	231	240	8.1
2x95	11.3	14.7	33	33	38	2984	1000	0.193	282	286	10.9
2x120	12.8	16.2	36	37	41	3663	1000	0.153	327	326	13.8
2x150	14.2	18.0	40	40	45	4435	1000	0.124	373	366	17.3
2x185	15.7	19.9	44	44	49	5398	500	0.0991	426	411	21.3
2x240	18.1	22.7	49	50	55	6967	500	0.0754	502	475	27.6
2x300	20.2	25.2	54	55	60	8536	500	0.0601	572	532	34.5
3x1.5	1.5	3.3	10	10	13	253	1000	12.1	20	24	0.2
3x2.5	2.0	3.8	11	11	15	308	1000	7.41	26	31	0.3
3x4	2.5	4.7	13	13	16	411	1000	4.61	35	41	0.5
3x6	3.1	5.1	14	14	17	504	1000	3.08	44	52	0.7
3x10	4.0	6.1	16	16	20	709	1000	1.83	60	69	1.2
3x16	5.0	7.2	18	18	22	935	1000	1.15	80	90	1.8
3x25	5.9	8.5	21	22	25	1311	1000	0.727	106	115	2.9
3x35	7.0	9.6	24	24	28	1715	1000	0.524	130	139	4
3x50	8.2	11.2	28	28	31	2230	1000	0.387	163	171	5.8
3x70	9.8	12.8	31	31	35	2987	1000	0.268	204	209	8.1
3x95	11.3	14.7	36	36	40	3972	1000	0.193	251	250	10.9
3x120	12.8	16.2	39	39	43	4856	1000	0.153	291	286	13.8
3x150	14.2	18.0	43	43	47	5919	500	0.124	332	319	17.3
3x185	15.7	19.9	47	47	52	7273	500	0.0991	383	361	21.3
3x240	18.1	22.7	53	53	58	9275	500	0.0754	452	417	27.6
3x300	20.2	25.2	58	59	65	11545	250	0.0601	518	469	34.5

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Screen Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x1.5	1.5	3.3	10	11	14	289	1000	12.1	22	27	0.2
4x2.5	2.0	3.8	12	12	15	348	1000	7.41	29	36	0.3
4x4	2.5	4.7	14	14	18	486	1000	4.61	40	47	0.5
4x6	3.1	5.1	15	15	19	601	1000	3.08	50	59	0.7
4x10	4.0	6.1	18	18	21	853	1000	1.83	69	79	1.2
4x16	5.0	7.2	20	21	24	1188	1000	1.15	91	101	1.8
4x25	5.9	8.5	24	24	28	1650	1000	0.727	122	131	2.9
4x35	7.0	9.6	27	27	30	2121	1000	0.524	150	157	4
4x50	8.2	11.2	30	31	34	2797	1000	0.387	174	176	5.8
4x70	9.8	12.8	34	34	38	3729	1000	0.268	217	215	8.1
4x95	11.3	14.7	40	40	44	5058	500	0.193	268	259	10.9
4x120	12.8	16.2	43	43	48	6197	500	0.153	310	293	13.8
4x150	14.2	18.0	47	48	53	7557	500	0.124	359	331	17.3
4x185	15.7	19.9	52	52	57	9264	500	0.0991	407	371	21.3
4x240	18.1	22.7	59	59	65	11866	250	0.0754	483	430	27.6

Copper Cables - Shielded PVC Insulation
0.6/1 KV
CU/PVC/CTS/PVC - NYSY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Screen	: Plain Annealed Copper Tapes
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

5-cores	Brown, Black, Grey, Blue, [Green/Yellow]
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Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-24
IEC 60332-3-23
IEC 60332-3-23



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Screen Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x1.5	1.5	3.3	11	12	15	376	1000	12.1	23	28	0.2
5x2.5	2.0	3.8	13	13	16	416	1093	7.41	30	36	0.3
5x4	2.5	4.7	15	15	19	576	1075	4.61	41	48	0.5
5x6	3.1	5.1	17	17	20	717	1000	3.08	52	60	0.8
5x10	4.0	6.1	20	20	24	1086	1075	1.83	71	80	1.3
5x16	5.0	7.2	22	23	26	1425	1000	1.15	95	103	2.2
5x25	5.9	8.5	27	27	30	1995	1329	0.727	127	133	3.4
5x35	7.0	9.6	29	30	34	2593	1024	0.524	156	160	4.7
5x50	8.2	11.2	34	34	38	3426	1000	0.387	190	188	6.7
5x70	9.8	12.8	39	39	43	4679	1000	0.268	224	224	9.4
5x95	11.3	14.7	44	44	49	6270	500	0.193	257	255	12.8
5x120	12.8	16.2	48	48	53	7641	500	0.153	298	291	16.2
5x150	14.2	18.0	53	53	58	9297	500	0.124	340	326	20.2
5x185	15.7	19.9	58	58	64	11415	500	0.0991	390	367	24.9

Copper Cables – Lead Sheath PVC Insulation
0.6/1 KV
CU/PVC/LS/PVC - NYKY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

1-core	Natural or Black
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Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
1x16	5.0	7.2	12	16	20	1317	1000	1.15	97	99	2.2
1x35	7.0	9.6	12	16	19	1431	1000	0.524	152	155	4.7
1x50	8.2	11.2	14	18	21	1676	1000	0.387	186	183	6.7
1x70	9.8	12.8	16	19	23	1993	1000	0.268	233	224	9.4
1x95	11.3	14.7	18	21	25	2400	1000	0.193	287	269	12.8
1x120	12.8	16.2	19	23	26	2734	1000	0.153	332	305	16.2
1x150	14.2	17.8	21	24	28	3137	1000	0.124	379	341	20.2
1x185	15.7	19.9	23	26	30	3630	1000	0.0991	438	386	24.9
1x240	18.1	22.7	26	29	33	4419	1000	0.0754	521	446	32.3
1x300	20.2	25.2	28	32	35	5188	1000	0.0601	599	502	40.4
1x400	22.8	28.2	31	35	39	6258	500	0.047	691	566	53.9
1x500	26.1	31.9	35	38	43	7555	500	0.0366	795	635	67.4
1x630	29.9	35.7	39	42	47	9247	500	0.0283	911	709	84.9
1x630	29.9	34.9	38	41	46	8974	500	0.0283	1155	857	90.1

Copper Cables – Lead Sheath PVC Insulation
0.6/1 KV
CU/PVC/LS/PVC - NYKY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Screen Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x1.5	1.5	3.3	12	16	20	1251	1000	12.1	24	27	0.2
2x2.5	2.0	3.8	12	16	20	1262	1000	7.41	32	36	0.3
2x4	2.5	4.7	12	16	19	1265	1000	4.61	42	47	0.5
2x6	3.1	5.1	13	17	20	1345	1000	3.08	53	61	0.8
2x10	4.0	6.1	15	19	22	1618	1000	1.83	73	82	1.3
2x16	5.0	7.2	17	20	24	1906	1000	1.15	96	106	2.2
2x25	5.9	8.5	20	24	27	2421	1000	0.727	126	136	3.4
2x35	7.0	9.6	23	26	30	2888	1000	0.524	155	166	4.7
2x50	8.2	11.2	26	29	33	3491	1000	0.387	186	195	6.7
2x70	9.8	12.8	29	33	36	4260	1000	0.268	235	240	9.4
2x95	11.3	14.7	33	37	40	5258	1000	0.193	286	286	12.8
2x120	12.8	16.2	36	40	44	6211	500	0.153	332	326	16.2
2x150	14.2	18.0	40	44	48	7232	500	0.124	378	366	20.2
2x185	15.7	19.9	44	47	52	8473	500	0.0991	431	411	24.9
2x240	18.1	22.7	49	53	59	10839	250	0.0754	508	476	32.3
2x300	20.2	25.2	54	59	64	13026	250	0.0601	578	533	40.4
3x1.5	1.5	3.3	12	16	19	1250	1000	12.1	21	23	0.2
3x2.5	2.0	3.8	12	16	20	1273	1000	7.41	27	30	0.3
3x4	2.5	4.7	12	16	20	1301	1000	4.61	36	41	0.5
3x6	3.1	5.1	14	17	21	1468	1000	3.08	46	52	0.8
3x10	4.0	6.1	16	20	23	1789	1000	1.83	62	70	1.3
3x16	5.0	7.2	19	22	25	2213	1000	1.15	82	90	2.2
3x25	5.9	8.5	21	25	28	2745	1000	0.727	108	116	3.4
3x35	7.0	9.6	24	28	31	3310	1000	0.524	133	140	4.7
3x50	8.2	11.2	28	31	35	4041	1000	0.387	167	172	6.7
3x70	9.8	12.8	31	35	38	5021	1000	0.268	209	210	9.4
3x95	11.3	14.7	36	39	44	6373	500	0.193	256	251	12.8
3x120	12.8	16.2	39	43	47	7424	500	0.153	296	286	16.2
3x150	14.2	18.0	43	46	51	8728	500	0.124	338	320	20.2
3x185	15.7	19.9	47	51	56	10483	250	0.0991	390	362	24.9
3x240	18.1	22.7	53	57	63	13460	250	0.0754	460	418	32.3
3x300	20.2	25.2	58	63	69	16187	250	0.0601	526	470	40.4

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x1.5	1.5	3.3	13	17	20	1324	1000	12.1	24	27	0.2
4x2.5	2.0	3.8	13	17	20	1324	1000	7.41	31	36	0.3
4x4	2.5	4.7	14	18	21	1492	1000	4.61	42	47	0.5
4x6	3.1	5.1	15	19	22	1652	1000	3.08	52	60	0.8
4x10	4.0	6.1	18	22	25	2112	1000	1.83	71	79	1.3
4x16	5.0	7.2	20	24	27	2544	1000	1.15	94	102	2.2
4x25	5.9	8.5	24	28	31	3246	1000	0.727	126	131	3.4
4x35	7.0	9.6	27	30	34	3892	1000	0.524	154	158	4.7
4x50	8.2	11.2	30	34	38	4807	1000	0.387	177	177	6.7
4x70	9.8	12.8	34	38	42	6007	500	0.268	221	216	9.4
4x95	11.3	14.7	37	41	45	7166	500	0.193	335	311	13.6
4x120	12.8	16.2	43	47	52	9013	500	0.153	315	294	16.2
4x150	14.2	18.0	47	51	56	10825	250	0.124	365	332	20.2
4x185	15.7	19.9	52	56	61	13022	250	0.0991	413	372	24.9
4x240	18.1	22.7	59	63	69	16722	250	0.0754	489	430	32.3

Copper Cables – Lead Sheath PVC Insulation
0.6/1 KV
CU/PVC/LS/PVC - NYKY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

5-cores Brown, Black, Grey, Blue, [Green/Yellow]

Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature

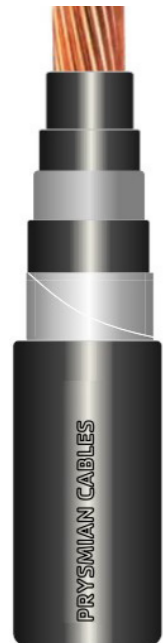


Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x1.5	1.5	3.3	13	16	19	1263	1596	12.1	24	28	0.2
5x2.5	2.0	3.8	13	16	20	1304	1596	7.41	32	36	0.3
5x4	2.5	4.7	15	19	22	1622	1075	4.61	43	48	0.5
5x6	3.1	5.1	17	20	24	1857	1075	3.08	54	60	0.8
5x10	4.0	6.1	20	24	27	2391	1000	1.83	74	79	1.3
5x16	5.0	7.2	22	26	29	2910	1000	1.15	98	102	2.2
5x25	5.9	8.5	27	30	34	3754	1024	0.727	131	132	3.4
5x35	7.0	9.6	29	33	37	4527	1024	0.524	160	158	4.7
5x50	8.2	11.2	34	37	41	5622	500	0.387	194	186	6.7
5x70	9.8	12.8	39	42	46	7182	512	0.268	210	209	9.4
5x95	11.3	14.7	44	47	52	9104	500	0.193	257	250	12.8
5x120	12.8	16.2	48	52	57	10909	256	0.153	299	286	16.2
5x150	14.2	18.0	53	57	62	13077	283	0.124	339	320	20.2
5x185	15.7	19.9	58	62	68	15999	250	0.0991	388	361	24.9

Copper Cables – Lead Sheath PVC Insulation
 0.6/1 KV
 CU/PVC/LS/PVC/DATA/PVC - NYKB(AL)Y



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Separation Sheath	: PVC Compound
Metallic Armour	: Aluminium Tape
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

1-core Natural or Black

Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
 IEC 60332-3-22
 IEC 60332-3-23
 IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
 Operation
 Temperature

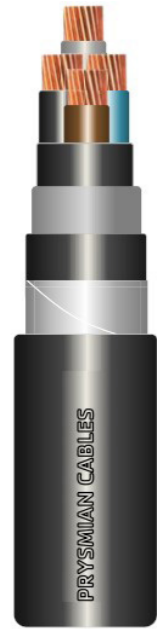


Short
 Circuit
 Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheet Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in air at 30°C	Current Rating in ground at 20°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
1x16	5.0	7.2	13	16	19	20	23	1484	1000	1.15	101	99	1.8
1x25	5.9	8.5	13	17	19	20	23	1583	1000	0.727	132	129	2.9
1x35	7.0	9.6	13	17	19	20	23	1663	1000	0.524	160	156	4.0
1x50	8.2	11.2	14	18	20	21	24	1855	1000	0.387	193	184	5.8
1x70	9.8	12.8	16	19	22	23	26	2185	1000	0.268	241	224	8.1
1x95	11.3	14.7	18	21	24	25	28	2608	1000	0.193	294	268	10.9
1x120	12.8	16.2	19	23	25	26	29	2954	1000	0.153	338	304	13.8
1x150	14.2	18.0	21	24	27	28	31	3372	1000	0.124	384	338	17.3
1x185	15.7	19.9	23	26	29	30	33	3895	1000	0.0991	440	381	21.3
1x240	18.1	22.7	26	29	32	32	36	4710	1000	0.0754	518	436	27.6
1x300	20.2	25.2	28	32	34	37	40	5654	500	0.0601	588	485	34.5
1x400	22.8	28.2	31	35	38	40	45	6845	500	0.0470	670	539	41.1
1x500	26.1	31.9	35	38	42	44	48	8199	500	0.0366	759	597	51.4
1x630	29.9	35.7	39	42	45	48	52	9948	500	0.0283	854	654	64.8

Copper Cables – Lead Sheath PVC Insulation
0.6/1 KV
CU/PVC/LS/PVC/DSTA/PVC - NYKBY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Separation Sheath	: PVC Compound
Metallic Armour	: Double Galvanized Steel Tapes
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

- SNI IEC 60502-1
- IEC 60502-1
- IEC 60228
- IEC 60332-1
- IEC 60332-3-22
- IEC 60332-3-23
- IEC 60332-3-24
- Design and Test Guidelines
- Design and Test Guidelines
- Conductor
- Flame Retardant
- Flame Retardant Cat. A
- Flame Retardant Cat. B
- Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in air at 30°C	Current Rating in ground at 20°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x1.5	1.5	3.3	13	16	19	20	23	1508	1000	12.1	24	27	0.2
2x2.5	2.0	3.8	13	17	19	20	23	1566	1000	7.41	32	35	0.3
2x4	2.5	4.7	14	17	20	21	24	1688	1000	4.61	42	47	0.5
2x6	3.1	5.1	14	17	20	21	24	1676	1000	3.08	54	61	0.7
2x10	4.0	6.1	15	19	21	22	25	1905	1000	1.83	73	81	1.2
2x16	5.0	7.2	17	20	23	24	27	2217	1000	1.15	97	106	1.8
2x25	5.9	8.5	20	24	26	27	30	2753	1000	0.727	127	136	2.9
2x35	7.0	9.6	23	26	29	30	33	3266	1000	0.524	156	164	4.0
2x50	8.2	11.2	26	29	32	33	36	3910	1000	0.387	187	193	5.8
2x70	9.8	12.8	29	33	35	38	41	5093	500	0.268	235	238	8.1
2x95	11.3	14.7	33	37	40	42	46	6273	500	0.193	287	283	10.9
2x120	12.8	16.2	36	40	43	46	50	7295	500	0.153	332	323	13.8
2x150	14.2	18.0	40	44	47	49	54	8402	500	0.124	377	362	17.3
2x185	15.7	19.9	44	47	51	53	58	9764	250	0.0991	428	405	21.3
2x240	18.1	22.7	49	53	57	59	64	12282	250	0.0754	501	466	27.6
2x300	20.2	25.2	54	59	62	64	70	14600	250	0.0601	567	519	34.5
3x1.5	1.5	3.3	13	16	19	19	23	1490	1000	12.1	21	23	0.2
3x2.5	2.0	3.8	13	16	19	20	23	1514	1000	7.41	27	30	0.3
3x4	2.5	4.7	13	16	19	20	23	1542	1000	4.61	36	40	0.5
3x6	3.1	5.1	14	17	20	21	24	1724	1000	3.08	46	52	0.7
3x10	4.0	6.1	16	20	22	23	26	2071	1000	1.83	63	69	1.2
3x16	5.0	7.2	19	22	25	25	29	2526	1000	1.15	83	90	1.8
3x25	5.9	8.5	21	25	28	28	32	3094	1000	0.727	108	115	2.9
3x35	7.0	9.6	24	28	30	31	34	3708	1000	0.524	133	138	4.0
3x50	8.2	11.2	28	31	34	34	38	4500	1000	0.387	166	170	5.8
3x70	9.8	12.8	31	35	38	40	44	5968	500	0.268	210	208	8.1
3x95	11.3	14.7	36	39	43	45	49	7461	500	0.193	257	248	10.9
3x120	12.8	16.2	39	43	46	48	53	8592	500	0.153	296	283	13.8
3x150	14.2	18.0	43	46	49	52	57	9994	250	0.124	336	315	17.3
3x185	15.7	19.9	47	51	54	56	62	11857	250	0.0991	385	356	21.3
3x240	18.1	22.7	53	57	60	63	68	14968	250	0.0754	451	408	27.6
3x300	20.2	25.2	58	63	66	69	75	17903	250	0.0601	513	457	34.5

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheet Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in air at 30°C	Current Rating in ground at 20°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x1.5	1.5	3.3	13	16	19	20	23	1569	1000	12.1	24	27	0.2
4x2.5	2.0	3.8	13	17	19	20	23	1570	1000	7.41	32	35	0.3
4x4	2.5	4.7	14	17	20	21	24	1704	1000	4.61	42	47	0.5
4x6	3.1	5.1	15	18.5	21	22	25	1919	1000	3.08	53	59	0.7
4x10	4.0	6.1	18	21.5	24	25	28	2412	1000	1.83	72	78	1.2
4x16	5.0	7.2	20	24	26	27	30	2868	1000	1.15	94	101	1.8
4x25	5.9	8.5	24	28	30	31	34	3627	1000	0.727	126	129	2.9
4x35	7.0	9.6	27	30	33	34	37	4304	1000	0.524	154	155	4.0
4x50	8.2	11.2	30	34	37	39	43	5650	500	0.387	178	175	5.8
4x70	9.8	12.8	34	38	41	43	48	7003	500	0.268	222	214	8.1
4x95	11.3	14.7	40	43	46	49	53	8815	500	0.193	272	257	10.9
4x120	12.8	16.2	43	47	50	52	57	10237	500	0.153	313	290	13.8
4x150	14.2	18.0	51	55	58	60	66	12920	250	0.124	360	326	17.3
4x185	15.7	19.9	52	56	59	62	67	14451	250	0.0991	406	365	21.3
4x240	18.1	22.7	59	63	67	69	75	18348	250	0.0754	478	419	27.6
4x300	20.2	25.2	65	70	73	76	83	22490	250	0.0601	542	468	34.5

Copper Cables – Lead Sheath PVC Insulation
0.6/1 KV
CU/PVC/LS/PVC/DSTA/PVC - NYKBY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Separation Sheath	: PVC Compound
Metallic Armour	: Double Galvanized Steel Tapes
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

5-cores Brown, Black, Grey, Blue, [Green/Yellow]

Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature

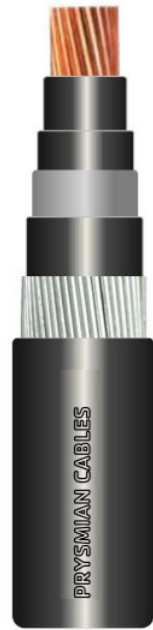


Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheet Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in air at 30°C	Current Rating in ground at 20°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x1.5	1.5	3.3	13	17	19	20	23	1610	1000	12.1	25	27	0.2
5x2.5	2.0	3.8	13	17	19	20	23	1672	1000	7.41	32	36	0.3
5x4	2.5	4.7	15	19	21	22	25	2011	1000	4.61	43	47	0.5
5x6	3.1	5.1	17	20	23	24	27	2293	1000	3.08	54	60	0.7
5x10	4.0	6.1	20	24	26	27	30	2927	1000	1.83	74	80	1.2
5x16	5.0	7.2	22	26	29	29	33	3529	1000	1.15	98	102	1.8
5x25	5.9	8.5	27	30	33	33	37	4548	1000	0.727	130	131	2.9
5x35	7.0	9.6	29	32	35	37	41	5741	500	0.524	160	157	4.0
5x50	8.2	11.2	34	37	40	43	47	7248	500	0.387	192	184	5.8
5x70	9.8	12.8	39	42	45	48	52	9135	500	0.268	209	205	8.1
5x95	11.3	14.7	44	47	51	53	58	11439	250	0.193	255	246	10.9
5x120	12.8	16.2	48	52	55	57	63	13579	250	0.153	295	281	13.8
5x150	14.2	18.0	53	57	60	62	68	16147	250	0.124	334	314	17.3
5x185	15.7	19.9	58	62	65	68	74	19575	250	0.0991	381	353	21.3

Copper Cables – Lead Sheath PVC Insulation
 0.6/1 KV
 CU/PVC/LS/PVC/AWA/PVC - NYKR(AL)Y



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Separation Sheath	: PVC Compound
Metallic Armour	: Galvanized Steel Wires
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

1-core Natural or Black

Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
 IEC 60332-3-22
 IEC 60332-3-23
 IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
 Operation
 Temperature

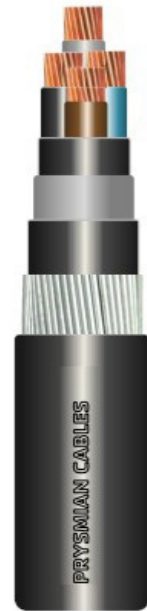


Short
 Circuit
 Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheet Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in air at 30°C	Current Rating in ground at 20°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
1x16	5.0	7.2	12	16	19	21	25	1485	1000	1.15	102	100	2.2
1x25	5.9	8.5	12	16	19	21	25	1735	1000	0.727	134	129	3.4
1x35	7.0	9.6	12	16	19	21	25	1745	1000	0.524	162	156	4.7
1x50	8.2	11.2	14	17	20	23	27	2042	1000	0.387	197	185	6.7
1x70	9.8	12.8	16	19	22	25	29	2380	1000	0.268	245	225	9.4
1x95	11.3	14.7	18	21	24	27	31	2820	1000	0.193	298	268	12.8
1x120	12.8	16.2	19	23	25	28	32	3174	1000	0.153	342	302	16.2
1x150	14.2	18.0	21	24	27	30	34	3631	1000	0.124	386	336	20.2
1x185	15.7	19.9	23	26	29	33	37	4253	1000	0.0991	441	376	24.9
1x240	18.1	22.7	26	29	32	36	40	5090	1000	0.0754	513	424	32.3
1x300	20.2	25.2	28	32	34	38	43	5908	500	0.0601	578	469	40.4
1x400	22.8	28.2	31	35	38	42	47	7103	500	0.047	651	515	53.9
1x500	26.1	31.9	35	38	42	47	52	8653	500	0.0366	722	554	67.4
1x630	29.9	35.7	39	42	45	50	56	10437	256	0.0283	801	599	84.9

Copper Cables – Lead Sheath PVC Insulation
0.6/1 KV
CU/PVC/LS/PVC/SWA/PVC - NYKRY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Separation Sheath	: PVC Compound
Metallic Armour	: Galvanized Steel Wires
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in air at 30°C	Current Rating in ground at 20°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x1.5	1.5	3.3	12	16	19	21	25	1822	1000	12.1	25	27	0.2
2x2.5	2.0	3.8	12	16	19	21	25	1792	1000	7.41	33	36	0.3
2x4	2.5	4.7	12	16	19	21	25	1797	1000	4.61	43	47	0.5
2x6	3.1	5.1	13	17	19	22	26	2045	1000	3.08	55	61	0.8
2x10	4.0	6.1	15	19	21	24	28	2377	1000	1.83	76	82	1.3
2x16	5.0	7.2	17	20	23	26	30	2703	1000	1.15	100	107	2.2
2x25	5.9	8.5	20	24	26	29	33	3355	1000	0.727	130	137	3.4
2x35	7.0	9.6	23	26	29	32	36	3903	1000	0.524	159	166	4.7
2x50	8.2	11.2	26	29	32	36	40	4873	1000	0.387	192	195	6.7
2x70	9.8	12.8	29	33	35	39	44	5768	500	0.268	241	240	9.4
2x95	11.3	14.7	33	37	40	45	50	7413	500	0.193	291	285	12.8
2x120	12.8	16.2	36	40	43	48	53	8539	500	0.153	339	326	16.2
2x150	14.2	18.0	40	44	47	52	57	9777	500	0.124	384	365	20.2
2x185	15.7	19.9	44	47	51	56	61	11213	250	0.0991	436	409	24.9
2x240	18.1	22.7	49	53	57	62	68	13876	250	0.0754	511	472	32.3
2x300	20.2	25.2	54	59	62	67	73	16314	250	0.0601	578	527	40.4
3x1.5	1.5	3.3	12	16	19	21	25	1490	1000	12.1	21	23	0.2
3x2.5	2.0	3.8	12	16	19	21	25	1514	1000	7.41	27	30	0.3
3x4	2.5	4.7	12	16	19	21	25	1542	1000	4.61	36	40	0.5
3x6	3.1	5.1	14	17	20	23	27	1724	1000	3.08	46	52	0.7
3x10	4.0	6.1	16	20	22	25	29	2071	1000	1.83	63	69	1.2
3x16	5.0	7.2	19	22	25	28	32	2526	1000	1.15	83	90	1.8
3x25	5.9	8.5	21	25	28	31	35	3094	1000	0.727	108	115	2.9
3x35	7.0	9.6	24	28	30	34	38	3708	1000	0.524	133	138	4.0
3x50	8.2	11.2	28	31	34	38	42	4500	1000	0.387	166	170	5.8
3x70	9.8	12.8	31	35	38	42	46	5968	500	0.268	210	208	8.1
3x95	11.3	14.7	36	39	43	48	53	7461	500	0.193	257	248	10.9
3x120	12.8	16.2	39	43	46	51	56	8592	500	0.153	296	283	13.8
3x150	14.2	18.0	43	46	49	54	60	9994	250	0.124	336	315	17.3
3x185	15.7	19.9	47	51	54	59	65	11857	250	0.0991	385	356	21.3
3x240	18.1	22.7	53	57	60	65	72	14968	250	0.0754	451	408	27.6
3x300	20.2	25.2	58	63	66	72	79	17903	250	0.0601	513	457	34.5

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheet Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in air at 30°C	Current Rating in ground at 20°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x1.5	1.5	3.3	12	16	19	21	25	1859	1000	12.1	24	27	0.2
4x2.5	2.0	3.8	12	16	19	21	25	1828	1000	7.41	32	36	0.3
4x4	2.5	4.7	14	17	20	23	27	2169	1000	4.61	44	47	0.5
4x6	3.1	5.1	15	19	21	24	28	2407	1000	3.08	55	60	0.8
4x10	4.0	6.1	18	22	24	27	31	2971	1000	1.83	74	79	1.3
4x16	5.0	7.2	20	24	26	30	34	3496	1000	1.15	98	102	2.2
4x25	5.9	8.5	24	28	30	34	38	4563	1000	0.727	130	131	3.4
4x35	7.0	9.6	27	30	33	37	41	5306	1000	0.524	159	157	4.7
4x50	8.2	11.2	30	34	37	41	45	6379	500	0.387	181	177	6.7
4x70	9.8	12.8	34	38	41	46	51	8234	500	0.268	227	216	9.4
4x95	11.3	14.7	40	43	46	51	57	10174	500	0.193	279	259	12.8
4x120	12.8	16.2	43	47	50	55	61	11709	250	0.153	320	293	16.2
4x150	14.2	18.0	47	51	54	59	66	13765	250	0.124	368	330	20.2
4x185	15.7	19.9	52	56	59	64	71	16206	250	0.0991	415	369	24.9

Copper Cables – Lead Sheath PVC Insulation
 0.6/1 KV
 CU/PVC/LS/PVC/SWA/PVC - NYKRY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Separation Sheath	: PVC Compound
Metallic Armour	: Galvanized Steel Wires
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

5-cores Brown, Black, Grey, Blue, [Green/Yellow]

Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
 IEC 60332-3-22
 IEC 60332-3-23
 IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
 Operation
 Temperature



Short
 Circuit
 Temperature

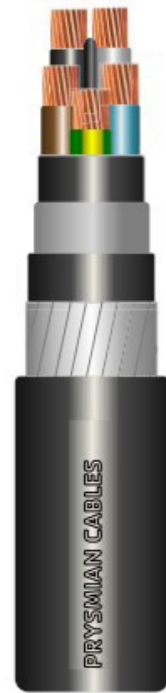
Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheet Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in air at 30°C	Current Rating in ground at 20°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x1.5	1.5	3.3	12	16	19	21	25	1873	1000	12.1	25	28	0.2
5x2.5	2.0	3.8	12	16	19	21	25	1851	1000	7.41	33	37	0.3
5x4	2.5	4.7	15	19	21	24	28	2383	1000	4.61	45	48	0.5
5x6	3.1	5.1	17	20	23	26	30	2675	1000	3.08	57	61	0.8
5x10	4.0	6.1	20	24	26	29	33	3309	1000	1.83	77	81	1.3
5x16	5.0	7.2	22	26	29	32	36	3924	1000	1.15	101	103	2.2
5x25	5.9	8.5	27	30	33	37	41	5167	1000	0.727	135	133	3.4
5x35	7.0	9.6	29	33	36	40	44	6065	500	0.524	164	159	4.7
5x50	8.2	11.2	34	37	40	45	50	7807	500	0.387	199	187	6.7
5x70	9.8	12.8	39	42	45	50	56	9634	500	0.268	211	209	9.4
5x95	11.3	14.7	44	47	51	56	61	11849	250	0.193	258	250	12.8
5x120	12.8	16.2	48	52	55	60	66	13858	250	0.153	298	285	16.2
5x150	14.2	18.0	53	57	60	65	71	16271	250	0.124	337	317	20.2
5x185	15.7	19.9	58	62	65	72	79	20346	250	0.0991	383	355	24.9

Copper Cables – Lead Sheath PVC Insulation

0.6/1 KV

CU/PVC/LS/PVC/SFA/PVC- NYKFY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: PVC Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Sheath
Separation Sheath	: PVC Compound
Metallic Armour	: Galvanized Steel Flat
Sheath	: PVC Compound ST1

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue
5-cores	Brown, Black, Grey, Blue.[Green/Yellow]

Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in air at 30°C	Current Rating in ground at 20°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x25	5.9	8.5	20	24	26	29	33	3355	1000	0.727	129	136	2.9
2x35	7.0	9.6	23	26	29	32	36	3903	1000	0.524	157	165	4.0
2x50	8.2	11.2	26	29	32	36	40	4873	1000	0.387	189	194	5.8
2x70	9.8	12.8	29	33	35	39	44	5768	500	0.268	237	238	8.1
2x95	11.3	14.7	33	37	40	45	50	7413	500	0.193	287	283	10.9
2x120	12.8	16.2	36	40	43	48	53	8539	500	0.153	332	323	13.8
2x150	14.2	18.0	40	44	47	52	57	9777	500	0.124	376	362	17.3
2x185	15.7	19.9	44	47	51	56	61	11213	250	0.0991	427	404	21.3
2x240	18.1	22.7	49	53	57	62	68	13876	250	0.0754	500	465	27.6
2x300	20.2	25.2	54	59	62	67	73	16314	250	0.0601	565	518	34.5
3x25	5.9	8.5	21	25	28	29	33	3436	1000	0.727	110	115	2.9
3x35	7.0	9.6	24	28	30	32	36	4087	1000	0.524	134	138	4.0
3x50	8.2	11.2	28	31	34	35	40	4894	1000	0.387	168	171	5.8
3x70	9.8	12.8	31	35	38	39	44	6043	500	0.268	210	208	8.1
3x95	11.3	14.7	36	39	43	44	49	7561	500	0.193	257	248	10.9
3x120	12.8	16.2	39	43	46	47	52	8717	500	0.153	296	282	13.8
3x150	14.2	18.0	43	46	49	51	57	10135	250	0.124	336	315	17.3
3x185	15.7	19.9	47	51	54	55	61	12005	250	0.0991	385	355	21.3
3x240	18.1	22.7	53	57	60	62	68	15140	250	0.0754	451	407	27.6
3x300	20.2	25.2	58	63	66	68	74	18085	250	0.0601	512	455	34.5
4x16	5.0	7.2	20	24	26	28	32	3188	1000	1.15	96	101	1.8
4x25	5.9	8.5	24	28	30	32	36	4006	1000	0.727	127	130	2.9
4x35	7.0	9.6	27	30	33	34	39	4722	1000	0.524	155	156	4.0
4x50	8.2	11.2	30	34	37	38	43	5768	500	0.387	178	175	5.8
4x70	9.8	12.8	34	38	41	43	47	7160	500	0.268	222	214	8.1
4x95	11.3	14.7	40	43	46	48	53	8973	500	0.193	272	257	10.9
4x120	12.8	16.2	43	47	50	52	57	10424	250	0.153	313	290	13.8
4x150	14.2	18.0	47	51	54	56	62	12325	250	0.124	360	326	17.3
4x185	15.7	19.9	52	56	59	61	67	14696	250	0.0991	406	364	21.3
4x240	18.1	22.7	59	63	67	68	75	18592	250	0.0754	477	418	27.6
4x300	20.2	25.2	65	70	73	75	82	22810	250	0.0601	541	466	34.5

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheet Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in air at 30°C	Current Rating in ground at 20°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x10	4.0	6.2	20	24	26	28	31	3033	1000	1.83	75	80	1.2
5x16	5.0	7.2	22	26	29	30	34	3634	1000	1.15	99	103	1.8
5x25	5.9	8.5	27	30	33	34	38	4558	1000	0.727	132	132	2.9
5x35	7.0	9.6	29	33	36	37	42	5474	500	0.524	160	157	4.0
5x50	5.9	11.2	34	37	40	42	47	6746	500	0.387	192	183	5.8
5x70	7.0	12.8	39	42	45	47	52	8424	500	0.268	209	205	8.1
5x95	8.2	14.7	44	47	51	52	58	10549	250	0.193	254	246	10.9
5x120	9.8	16.2	48	52	55	56	62	12444	250	0.153	295	281	13.8
5x150	11.3	18.0	53	57	60	61	67	14761	250	0.124	334	314	17.3
5x185	12.8	19.9	58	62	65	67	74	17872	250	0.0991	382	354	21.3

Copper Cables- Non Armoured XLPE Insulation

0.6/1 KV

CU/XLPE/PVC - N2XY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

1-core	Natural
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Other colors are available upon request

STANDARDS APPLIED

SPLN 43-6	Design and Test Guidelines
SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen

							
IEC 60332-1 IEC 60332-3-24	Standard	Excellent	0 °C	14 D	Pb	Normal Operation Temperature	Short Circuit Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Outer Sheath Diameter	Cable Weight	Packaging	DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	kg/km	m	M.Ω.km	A	A	kA
1x1.5	1.5	3.0	7	52	1000	12.1	25	34	0.2
1x2.5	2.0	3.6	7	59	1000	7.41	34	44	0.4
1x4	2.5	4.0	7	76	1000	4.61	45	57	0.6
1x6	3.1	4.6	8	98	1000	3.08	57	70	0.9
1x10	4.0	5.6	9	145	1000	1.83	78	94	1.4
1x16	5.0	6.6	10	205	1000	1.15	104	120	2.3
1x25	5.9	7.9	11	292	1000	0.727	141	155	3.6
1x35	7.0	9.0	12	390	1000	0.524	173	186	5.0
1x50	8.2	10.4	13	512	1000	0.387	213	220	7.2
1x70	9.8	12.2	15	713	1000	0.268	271	270	10.0
1x95	11.3	13.7	17	966	1000	0.193	335	322	13.6
1x120	12.8	15.4	19	1194	1000	0.153	392	366	17.2
1x150	14.2	17.2	21	1471	1000	0.124	451	411	21.5
1x185	15.7	19.1	23	1820	1000	0.0991	526	464	26.5
1x240	18.1	21.7	25	2375	1000	0.0754	630	538	34.3
1x300	20.2	24.0	28	2934	1000	0.0601	728	605	42.9
1x400	22.8	27.0	31	3742	1000	0.047	848	684	57.2
1x500	26.1	30.7	35	4761	500	0.0366	985	772	71.5
1x630	29.9	34.9	40	6221	500	0.0283	1141	866	90.1

Copper Cables- Non Armoured XLPE Insulation
0.6/1 KV
CU/XLPE/PVC - N2XY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Insert (for Size 10mm ² & Above)	: PVC Compound
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SPLN 43-6	Design and Test Guidelines
SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen

IEC 60332-1 IEC 60332-3-24	Standard	Excellent	0 °C	14 D		Normal Operation Temperature	Short Circuit Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Outer Sheath Diameter	Cable Weight	Packaging	DC Resistant at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x1.5	1.5	3.0	-	10	125	1000	12.1	29	35	0.2
2x2.5	2.0	3.6	-	11	157	1000	7.41	38	45	0.4
2x4	2.5	4.0	-	12	203	1000	4.61	59	59	0.6
2x6	3.1	4.6	-	13	261	1000	3.08	64	74	0.9
2x10	4.0	5.6	14	17	467	1000	1.83	88	100	1.4
2x16	5.0	6.6	16	19	628	1000	1.15	116	131	2.3
2x25	5.9	7.9	19	22	903	1000	0.727	154	168	3.6
2x35	7.0	9.0	21	24	1162	1000	0.524	190	203	5.0
2x50	8.2	10.4	24	28	1521	1000	0.387	230	241	7.2
2x70	9.8	12.2	28	31	2138	1000	0.268	292	298	10.0
2x95	11.3	13.7	31	35	2790	1000	0.193	356	355	13.6
2x120	12.8	15.4	34	38	3442	1000	0.153	414	405	17.2
2x150	14.2	17.2	38	43	4261	500	0.124	474	454	21.5
2x185	15.7	19.1	42	47	5224	500	0.0991	544	512	26.5
2x240	18.1	21.7	47	52	6730	500	0.0754	644	594	34.3
2x300	20.2	24.0	52	57	8247	250	0.0601	737	667	42.9
3x1.5	1.5	3.0	-	10	143	1000	12.1	24	30	0.2
3x2.5	2.0	3.6	-	12	161	1000	7.41	32	37	0.4
3x4	2.5	4.0	-	13	244	1000	4.61	43	49	0.6
3x6	3.1	4.6	-	14	318	1000	3.08	54	62	0.9
3x10	4.0	5.4	14	18	553	1000	1.83	74	84	1.4
3x16	5.0	6.6	17	20	795	1000	1.15	99	108	2.3
3x25	5.9	7.9	20	24	1126	1000	0.727	131	141	3.6
3x35	7.0	9.0	23	26	1493	1000	0.524	162	169	5.0
3x50	8.2	10.4	26	29	1933	1000	0.387	200	205	7.2
3x70	9.8	12.2	30	33	2719	1000	0.268	252	250	10.0
3x95	11.3	13.7	33	37	3590	1000	0.193	309	301	13.6
3x120	12.8	15.4	37	41	4501	1000	0.153	359	342	17.2
3x150	14.2	17.2	41	45	5514	500	0.124	411	383	21.5
3x185	15.7	19.1	45	50	6783	500	0.0991	475	434	26.5
3x240	18.1	21.7	51	56	8769	500	0.0754	562	502	34.3
3x300	20.2	24.0	56	61	10777	250	0.0601	631	557	42.9

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Outer Sheath Diameter	Cable Weight	Packaging	DC Resistant at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x1.5	1.5	3.0	-	11	168	1000	12.1	25	29	0.2
4x2.5	2.0	3.6	-	12	219	1000	7.41	33	39	0.4
4x4	2.5	4.0	-	14	263	1000	4.61	44	50	0.6
4x6	3.1	4.6	-	15	388	1000	3.08	56	64	0.9
4x10	4.0	5.4	16	20	689	1000	1.83	76	85	1.4
4x16	5.0	6.6	18	22	960	1000	1.15	102	110	2.3
4x25	5.9	7.9	23	26	1421	1000	0.727	137	143	3.6
4x35	7.0	9.0	25	29	1907	1000	0.524	169	172	5.0
4x50	8.2	10.4	28	32	2492	1000	0.387	199	198	7.2
4x70	9.8	12.2	33	37	3447	1000	0.268	249	241	10.0
4x95	11.3	13.7	37	41	4632	1000	0.193	308	290	13.6
4x120	12.8	15.4	41	46	5742	500	0.153	357	329	17.2
4x150	14.2	17.2	45	50	7013	500	0.124	416	373	21.5
4x185	15.7	19.1	50	55	8668	500	0.0991	474	419	26.5
4x240	18.1	21.7	56	62	11222	250	0.0754	562	486	34.3

Copper Cables- Non Armoured XLPE Insulation
0.6/1 KV
CU/XLPE/PVC - N2XY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Insert (for Size 10mm ² & Above)	: PVC Compound
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

5-cores Brown, Black, Grey, Blue, Green/Yellow

Other colors are available upon request

STANDARDS APPLIED

SPLN 43-6	Design and Test Guidelines
SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen

IEC 60332-1 IEC 60332-3-24	Standard	Excellent	0 °C	14 D		Normal Operation Temperature	Short Circuit Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Outer Sheath Diameter	Cable Weight	Packaging	DC Resistant at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x1.5	1.5	3.0	-	12	199	1000	12.1	32	27	0.2
5x2.5	2.0	3.6	-	13	261	1000	7.41	42	36	0.4
5x4	2.5	4.0	-	15	353	1000	4.61	55	48	0.6
5x6	3.1	4.6	-	16	470	1000	3.08	69	61	0.9
5x10	4.0	5.6	17	21	785	1000	1.83	92	84	1.4
5x16	5.0	6.6	21	24	1190	1000	1.15	119	112	2.3
5x25	5.9	7.9	25	28	1725	1000	0.727	155	152	3.6
5x35	7.0	9.0	28	31	2272	1000	0.524	186	187	5.0
5x50	8.2	10.4	31	35	2953	1000	0.387	219	227	7.2

Copper Cables - Armoured XLPE Insulation
0.6/1 KV
CU/XLPE/PVC/DATA/PVC - N2XB(AL)Y



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 - Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Armour	: Double Aluminum Tape
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

1-core Natural or Black

Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SPLN 43-8 | Design and Test Guidelines |
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

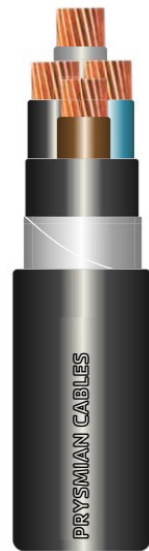
Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
1x25	5.9	7.9	11	12	15	414	1000	0.727	154	156	3.6
1x35	7.0	9.0	12	13	16	522	1000	0.524	188	187	5.0
1x50	8.2	10.4	13	14	18	657	1000	0.387	229	221	7.2
1x70	9.8	12.2	15	16	20	876	1000	0.268	287	270	10.0
1x95	11.3	13.7	17	17	21	1135	1000	0.193	352	323	13.6
1x120	12.8	15.4	18	21	24	1463	1000	0.153	407	366	17.2
1x150	14.2	17.2	20	21	25	1663	1000	0.124	465	410	21.5
1x185	15.7	19.1	22	23	27	2023	1000	0.0991	537	462	26.5
1x240	18.1	21.7	25	27	30	2702	1000	0.0754	636	533	34.3
1x300	20.2	23.9	26	29	32	3269	1000	0.0601	728	597	42.9
1x400	22.8	27.0	30	33	36	4155	1000	0.047	838	668	57.2
1x500	26.1	30.6	33	36	39	5156	500	0.0366	960	746	71.5
1x630	29.9	34.8	37	40	44	6668	500	0.0283	1092	823	90.1

Copper Cables - Armoured XLPE Insulation

0.6/1 KV

CU/XLPE/PVC/DSTA/PVC - N2XBY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Armour	: Double Galvanized Steel Tapes
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SPLN 43-8	Design and Test Guidelines
SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen

IEC 60332-1 IEC 60332-3-22 IEC 60332-3-23 IEC 60332-3-24	Standard	Excellent	0 °C	14 D		Normal Operation Temperature	Short Circuit Temperature

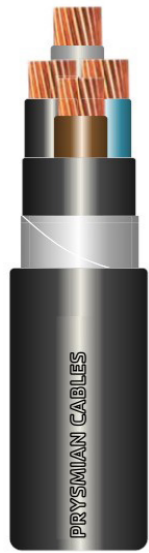
Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x6	3.1	4.6	12	12	16	437	1000	3.08	65	75	0.9
2x10	4.0	5.6	16	16	20	644	1000	1.83	89	102	1.4
2x16	5.0	6.6	16	16	20	727	1000	1.15	118	133	2.3
2x25	5.9	7.9	18	19	22	986	1000	0.727	157	170	3.6
2x35	7.0	9.0	21	22	25	1294	1000	0.524	193	205	5.0
2x50	8.2	10.4	24	25	28	1672	1000	0.387	233	244	7.2
2x70	9.8	12.2	28	29	32	2249	1000	0.268	295	299	10.0
2x95	11.3	13.7	31	32	35	2907	1000	0.193	360	357	13.6
2x120	12.8	15.4	34	37	41	4016	1000	0.153	423	409	17.2
2x150	14.2	17.2	38	41	45	4925	1000	0.124	482	458	21.5
2x185	15.7	19.1	42	45	49	5952	500	0.0991	551	515	26.5
2x240	18.1	21.7	47	50	55	7547	500	0.0754	652	596	34.3
2x300	20.2	24.0	52	55	60	9113	500	0.0601	744	669	42.9
3x4	2.5	4.0	11	12	16	410	1000	4.61	43	51	0.6
3x6	3.1	4.6	15	16	19	613	1000	3.08	55	63	0.9
3x10	4.0	5.6	14	15	18	629	1000	1.83	75	85	1.4
3x16	5.0	6.6	16	17	20	851	1000	1.15	100	110	2.3
3x25	5.9	7.9	20	21	24	1252	1000	0.727	133	141	3.6
3x35	7.0	9.0	23	24	27	1636	1000	0.524	164	171	5.0
3x50	8.2	10.4	26	27	30	2094	1000	0.387	202	207	7.2
3x70	9.8	12.2	30	30	34	2848	1000	0.268	255	252	10.0
3x95	11.3	13.7	33	34	38	3746	1000	0.193	312	302	13.6
3x120	12.8	15.4	37	40	44	5146	500	0.153	366	345	17.2
3x150	14.2	17.2	41	44	48	6223	500	0.124	418	386	21.5
3x185	15.7	19.1	45	48	52	7561	500	0.0991	483	437	26.5
3x240	18.1	21.7	51	53	58	9641	250	0.0754	569	504	34.3
3x300	20.2	24.0	56	58	64	11733	250	0.0601	652	567	42.9

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x4	2.5	4.0	12	13	16	453	1000	4.61	48	56	0.6
4x6	3.1	4.6	14	14	18	553	1000	3.08	60	69	0.9
4x10	4.0	5.6	16	17	20	791	1000	1.83	83	92	1.4
4x16	5.0	6.6	18	19	22	1075	1000	1.15	110	119	2.3
4x25	5.9	7.9	23	23	27	1563	1000	0.727	148	154	3.6
4x35	7.0	9.0	25	26	29	2021	1000	0.524	183	185	5.0
4x50	8.2	10.4	28	29	33	2616	1000	0.387	214	212	7.2
4x70	9.8	12.2	33	34	37	3590	1000	0.268	269	259	10.0
4x95	11.3	13.7	37	40	44	5275	500	0.193	334	312	13.6
4x120	12.8	15.4	41	44	48	6454	500	0.153	386	354	17.2
4x150	14.2	17.2	45	48	53	7796	500	0.124	449	399	21.5
4x185	15.7	19.1	50	53	58	9528	500	0.0991	512	448	26.5
4x240	18.1	21.7	56	59	64	12189	250	0.0754	604	518	34.3

Copper Cables - Armoured XLPE Insulation
0.6/1 KV
CU/XLPE/PVC/DSTA/PVC - N2XBY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Armour	: Double Galvanized Steel Tapes
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

5-cores	Brown, Black, Grey, Blue, Green/Yellow
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Other colors are available upon request

STANDARDS APPLIED

SPLN 43-8	Design and Test Guidelines
SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x4	2.5	4.0	15	16	19	614	1000	4.61	49	56	0.6
5x6	3.1	4.6	15	16	19	669	1000	3.08	62	70	0.9
5x10	4.0	5.6	18	19	22	934	1000	1.83	86	93	1.4
5x16	5.0	6.6	21	22	25	1320	1000	1.15	114	121	2.3
5x25	5.9	7.9	25	26	29	1880	1000	0.727	154	157	3.6
5x25	5.9	7.8	23	24	27	1780	1000	0.727	154	157	3.6
5x35	7.0	9.0	28	29	32	2459	1000	0.524	190	188	5.0
5x50	8.2	10.4	31	32	36	3196	1000	0.387	230	221	7.2
5x70	9.8	12.2	37	39	43	4855	500	0.268	265	256	10.0
5x95	11.3	13.7	41	44	48	6320	500	0.193	325	308	13.6
5x120	12.8	15.4	46	48	53	7711	500	0.153	377	351	17.2
5x150	14.2	17.2	50	53	58	9352	250	0.124	430	394	21.5
5x185	15.7	19.1	56	58	64	11444	250	0.0991	493	445	26.5

Copper Cables - Armoured XLPE Insulation
0.6/1 KV
CU/XLPE/PVC/AWA/PVC - N2XR(AL)Y



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Armour	: Aluminum Wires
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

1-core	Black
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Other colors are available upon request

STANDARDS APPLIED

- SPLN 43-7
- SNI IEC 60502-1
- IEC 60502-1
- IEC 60228
- IEC 60332-1
- IEC 60332-3-22
- IEC 60332-3-23
- IEC 60332-3-24
- Design and Test Guidelines
- Design and Test Guidelines
- Design and Test Guidelines
- Conductor
- Flame Retardant
- Flame Retardant Cat. A
- Flame Retardant Cat. B
- Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
1x16	5.0	6.6	9	13	16	424	1000	1.1500	126	132	2.3
1x25	5.9	7.9	10	14	17	509	1000	0.7270	158	157	3.6
1x35	7.0	9.0	11	15	18	625	1000	0.5240	192	188	5
1x50	8.2	10.4	13	16	21	787	1000	0.3870	233	222	7.2
1x70	9.8	12.2	15	18	22	1019	1000	0.2680	292	271	10
1x95	11.3	13.7	17	20	23	1296	1000	0.1930	357	324	13.6
1x120	12.8	15.4	18	21	25	1528	1000	0.1530	415	367	17.2
1x150	14.2	17.2	20	23	26	1823	1000	0.1240	472	410	21.5
1x185	15.7	19.1	22	25	29	2229	1000	0.0991	542	461	26.5
1x240	18.1	21.7	24	27	31	2795	1000	0.0754	639	528	34.3
1x300	20.2	24.0	27	30	34	3405	1000	0.0601	727	588	42.9
1x400	22.8	27.0	30	34	38	4343	1000	0.0470	824	646	57.2
1x500	26.1	30.7	33	37	42	5430	500	0.0366	934	713	71.5
1x630	29.9	34.9	38	42	47	6944	250	0.0283	1049	778	90.1

Copper Cables - Armoured XLPE Insulation

0.6/1 KV

CU/XLPE/PVC/SWA/PVC - N2XRY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Armour	: Galvanized Steel Wires
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SPLN 43-7	Design and Test Guidelines
SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x1.5	1.5	3.0	9	10	14	334	1000	12.1	30	35	0.2
2x2.5	2.0	3.6	10	11	15	389	1000	7.41	40	47	0.4
2x4	2.5	4.0	11	12	16	457	1000	4.61	53	61	0.6
2x6	3.1	4.6	12	13	17	542	1000	3.08	67	76	0.9
2x10	4.0	5.6	14	16	20	820	1000	1.83	92	103	1.4
2x16	5.0	6.6	16	18	22	1015	1000	1.15	122	134	2.3
2x25	5.9	7.9	18	22	25	1464	1000	0.727	162	172	3.6
2x35	7.0	9.0	21	24	28	1869	1000	0.524	199	208	5.0
2x50	8.2	10.4	24	27	31	2338	1000	0.387	240	246	7.2
2x70	9.8	12.2	28	31	35	3033	1000	0.268	302	301	10.0
2x95	11.3	13.7	31	35	40	4137	1000	0.193	369	360	13.6
2x120	12.8	15.4	34	38	43	4870	500	0.153	427	408	17.2
2x150	14.2	17.2	38	42	47	5884	500	0.124	486	456	21.5
2x185	15.7	19.1	42	47	53	7437	500	0.0991	558	513	26.5
2x240	18.1	21.7	47	52	58	9234	500	0.0754	655	591	34.3
2x300	20.2	24.0	57	57	63	11120	250	0.0601	743	659	42.9
3x1.5	1.5	3.0	9	11	14	365	1000	12.1	25	30	0.2
3x2.5	2.0	3.6	10	12	15	424	1000	7.41	34	39	0.4
3x4	2.5	4.0	11	13	17	507	1000	4.61	44	50	0.6
3x6	3.1	4.6	12	14	18	612	1000	3.08	56	64	0.9
3x10	4.0	5.6	15	17	21	927	1000	1.83	78	86	1.4
3x16	5.0	6.6	17	19	23	1184	1000	1.15	103	111	2.3
3x25	5.9	7.9	20	23	27	1715	1000	0.727	138	143	3.6
3x35	7.0	9.0	23	26	29	2164	1000	0.524	169	173	5.0
3x50	8.2	10.4	26	29	33	2699	1000	0.387	209	209	7.2
3x70	9.8	12.2	30	34	37	3748	1000	0.268	264	256	10.0
3x95	11.3	13.7	33	37	42	4890	1000	0.193	322	305	13.6
3x120	12.8	15.4	37	41	46	5967	500	0.153	372	346	17.2
3x150	14.2	17.2	41	46	52	7530	500	0.124	427	387	21.5
3x185	15.7	19.1	45	50	56	8879	500	0.0991	490	436	26.5
3x240	18.1	21.7	51	56	62	11201	250	0.0754	574	501	34.3
3x300	20.2	24.0	56	61	67	13330	250	0.0601	653	560	42.9

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x1.5	1.5	3.0	10	12	15	406	1000	12.1	28	33	0.2
4x2.5	2.0	3.6	11	13	17	481	1000	7.41	37	43	0.4
4x4	2.5	4.0	12	14	17	581	1000	4.61	49	56	0.6
4x6	3.1	4.6	14	16	19	800	1000	3.08	63	70	0.9
4x10	4.0	5.6	16	19	22	1086	1000	1.83	86	93	1.4
4x16	5.0	6.6	19	22	25	1601	1000	1.15	115	121	2.3
4x25	5.9	7.9	23	26	29	2112	1000	0.727	154	157	3.6
4x35	7.0	9.0	25	28	32	2650	1000	0.524	189	187	5.0
4x50	8.2	10.4	28	32	37	3562	1000	0.387	220	214	7.2
4x70	9.8	12.2	33	37	42	4748	500	0.268	277	261	10.0
4x95	11.3	13.7	37	41	46	6097	500	0.193	339	312	13.6
4x120	12.8	15.4	41	46	52	7672	500	0.153	394	354	17.2
4x150	14.2	17.2	45	50	56	9235	500	0.124	455	399	21.5
4x185	15.7	19.1	50	55	61	10972	250	0.0991	516	446	26.5

Copper Cables - Armoured XLPE Insulation
0.6/1 KV
CU/XLPE/PVC/SFA/PVC- N2XFY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Armour	: Galvanized Steel Wires
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

5-cores	Brown, Black, Grey, Blue, [Green/Yellow]
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Other colors are available upon request

STANDARDS APPLIED

SPLN 43-7	Design and Test Guidelines
SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x1.5	1.5	3.0	11	13	16	455	1000	12.1	29	33	0.2
5x2.5	2.0	3.6	12	14	17	536	1000	7.41	38	43	0.4
5x4	2.5	4.0	13	16	19	756	1000	4.61	51	57	0.6
5x6	3.1	4.6	15	17	21	911	1000	3.08	65	71	0.9
5x10	4.0	5.6	18	20	24	1242	1000	1.83	89	95	1.4
5x16	5.0	6.6	21	24	27	1796	1000	1.15	119	122	2.3
5x25	5.9	7.9	25	28	31	2443	1000	0.727	160	159	3.6
5x35	7.0	9.0	28	31	35	3087	1000	0.524	196	190	5.0
5x50	8.2	10.4	31	35	40	4179	1000	0.387	238	223	7.2
5x70	9.8	12.2	37	41	46	5599	500	0.268	266	258	10.0
5x95	11.3	13.7	41	46	52	7546	500	0.193	326	309	13.6
5x120	12.8	15.4	46	51	56	9022	500	0.153	377	351	17.2
5x150	14.2	17.2	50	55	61	10791	250	0.124	427	392	21.5
5x185	15.7	19.1	56	61	67	13044	250	0.0991	485	439	26.5

Copper Cables - Armoured XLPE Insulation

0.6/1 KV

CU/XLPE/PVC/SFA/PVC- N2XFY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Armour	: Galvanized Steel Flat
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue
5-cores	Brown, Black, Grey, Blue.[Green/Yellow]

Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x25	5.9	7.9	18	20	24	1255	1000	0.727	160	171	3.6
2x35	7.0	9.0	20	22	26	1543	1000	0.524	196	207	5.0
2x50	8.2	10.4	23	25	28	1924	1000	0.387	237	245	7.2
2x70	9.8	12.2	27	28	32	2543	1000	0.268	299	301	10.0
2x95	11.3	13.7	31	32	36	3295	1000	0.193	365	360	13.6
2x120	12.8	15.4	34	36	40	4109	1000	0.153	424	409	17.2
2x150	14.2	17.2	38	40	45	5045	1000	0.124	483	458	21.5
2x185	15.7	19.1	42	45	49	6119	500	0.0991	553	515	26.5
2x240	18.1	21.8	48	49	55	7724	500	0.0754	653	597	34.3
2x300	20.2	24.1	52	54	60	9316	500	0.0601	746	671	42.9
3x25	5.9	7.9	19	21	25	1476	1000	0.727	136	145	3.6
3x35	7.0	9.0	22	23	27	1816	500	0.524	167	172	5.0
3x50	8.2	10.4	25	26	31	2394	1000	0.387	204	208	7.2
3x70	9.8	12.2	29	30	35	3048	500	0.268	259	255	10.0
3x95	11.3	13.7	33	34	39	4206	1000	0.193	317	304	13.6
3x120	12.8	15.4	37	39	44	5061	500	0.153	367	346	17.2
3x150	14.2	17.2	41	43	48	6073	500	0.124	419	387	21.5
3x185	15.7	19.1	45	47	52	7381	500	0.0991	484	437	26.5
3x240	18.1	21.8	51	53	58	9392	500	0.0754	571	505	34.3
3x300	20.2	24.1	56	58	64	11986	250	0.0601	654	569	42.9
4x16	5.1	6.6	18	20	24	1354	1000	1.15	113	120	2.3
4x25	5.9	7.9	21	23	27	1808	1000	0.727	151	156	3.6
4x35	7.0	9.0	24	26	30	2276	1000	0.524	186	186	5.0
4x50	8.2	10.4	27	29	33	2913	1000	0.387	218	213	7.2
4x70	9.8	12.2	33	34	39	4069	1000	0.268	272	261	10.0
4x95	11.3	13.7	37	39	44	5358	500	0.193	334	312	13.6
4x120	12.8	15.4	41	43	48	6569	500	0.153	387	354	17.2
4x150	14.2	17.2	46	47	53	7937	500	0.124	450	400	21.5
4x185	15.7	19.1	50	52	58	9707	250	0.0991	513	449	26.5
4x240	18.1	21.8	57	58	65	12385	250	0.0754	606	519	34.3
4x300	20.2	24.1	62	64	70	15135	250	0.0601	694	584	42.9

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x35	4.7	6.2	19	21	25	1527	1000	1.15	122	117	2.3
5x25	5.9	7.9	24	25	29	2139	1000	0.727	158	157	3.6
5x35	7.0	9.0	27	28	32	2759	1000	0.524	189	193	5.0
5x50	8.2	10.4	31	33	37	3596	1000	0.387	222	233	7.2
5x70	9.8	12.2	37	38	43	4958	500	0.268	262	254	10.0
5x95	11.3	13.7	41	43	48	6372	500	0.193	321	305	13.6
5x120	12.8	15.4	46	47	53	7878	500	0.153	373	348	17.2
5x150	14.2	17.2	50	52	58	9515	500	0.124	425	390	21.5
5x185	15.7	19.1	56	57	64	11668	250	0.0991	486	440	26.5

Copper Cables - Shielded XLPE Insulation
0.6/1 KV
CU/XLPE/CWS/PVC - N2XCY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Concentric Conductor	: Plain Annealed Copper Wires
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

1-core	Black
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Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
1x1.5	1.5	3.0	6	8	12	139	1000	12.1	29	34	0.2
1x2.5	2.0	3.6	6	8	12	156	1000	7.41	34	43	0.4
1x4	2.5	4.0	7	9	12	192	1000	4.61	51	56	0.6
1x6	3.1	4.6	7	9	13	238	1000	3.08	64	70	0.9
1x10	4.0	5.6	9	10	14	327	1000	1.83	87	93	1.4
1x16	5.0	6.6	9	12	15	456	1000	1.15	116	119	2.3
1x25	5.9	7.9	11	13	17	553	1000	0.727	154	155	3.6
1x35	7.0	9.0	12	14	18	658	1000	0.524	188	185	5.0
1x50	8.2	10.4	13	15	19	882	1000	0.387	230	219	7.2
1x70	9.8	12.2	15	18	22	1191	1000	0.268	289	268	10.0
1x95	11.3	13.7	17	19	23	1591	1000	0.193	355	319	13.6
1x120	12.8	15.4	18	21	25	2018	1000	0.153	412	361	17.2
1x150	14.2	17.2	20	23	27	2298	1000	0.124	468	402	21.5
1x185	15.7	19.1	22	26	30	2881	1000	0.0991	536	448	26.5
1x240	18.1	21.7	25	29	33	3731	1000	0.0754	625	508	34.3
1x300	20.2	24.0	27	32	36	4604	500	0.0601	703	558	42.9
1x400	22.8	27.0	30	37	41	5814	500	0.047	791	608	57.2
1x500	26.1	30.7	34	40	45	7374	500	0.0366	881	658	71.5

Copper Cables - Shielded XLPE Insulation

0.6/1 KV

CU/XLPE/CWS/PVC - N2XCY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Concentric Conductor	: Plain Annealed Copper Wires
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x1.5	1.5	3.0	9	10	14	227	1000	12.1	30	35	0.2
2x2.5	2.0	3.6	10	11	15	298	1000	7.41	39	46	0.4
2x4	2.5	4.0	11	12	16	350	1000	4.61	52	61	0.6
2x6	3.1	4.6	12	13	17	415	1000	3.08	66	76	0.9
2x10	4.0	5.6	13	15	19	567	1000	1.83	90	101	1.4
2x16	5.0	6.6	16	17	21	813	1000	1.15	120	132	2.3
2x25	5.9	7.9	19	21	24	1098	1000	0.727	159	170	3.6
2x35	7.0	9.0	21	23	27	1363	1000	0.524	195	205	5.0
2x50	8.2	10.4	24	26	30	1818	1000	0.387	238	243	7.2
2x70	9.8	12.2	28	30	34	2491	1000	0.268	299	298	10.0
2x95	11.3	13.7	31	34	38	3290	500	0.193	365	356	13.6
2x120	12.8	15.4	34	37	42	4127	500	0.153	425	404	17.2
2x150	14.2	17.2	38	41	46	4976	500	0.124	484	452	21.5
2x185	15.7	19.1	44	47	52	6469	500	0.0991	429	409	26.5
2x240	18.1	21.7	49	53	59	8382	500	0.754	503	471	34.3
2x300	20.2	24.0	52	56	62	9715	250	0.0601	736	649	42.9
3x1.5	1.5	3.0	9	11	14	254	1000	12.1	25	29	0.2
3x2.5	2.0	3.6	10	12	16	302	1000	7.41	33	38	0.4
3x4	2.5	4.0	11	13	17	392	1000	4.61	44	50	0.6
3x6	3.1	4.6	12	14	18	474	1000	3.08	56	64	0.9
3x10	4.0	5.6	15	16	20	663	1000	1.83	76	85	1.4
3x16	5.0	6.6	17	19	22	964	1000	1.15	102	111	2.3
3x25	5.9	7.9	20	22	25	1359	1000	0.727	135	142	3.6
3x35	7.0	9.0	23	25	28	1693	1000	0.524	166	172	5.0
3x50	8.2	10.4	26	27	31	2226	1000	0.387	207	209	7.2
3x70	9.8	12.2	30	32	37	3092	1100	0.268	258	254	10.0
3x95	11.3	13.7	33	36	40	4095	1000	0.193	317	305	13.6
3x120	12.8	15.4	37	40	45	5215	500	0.153	369	346	17.2
3x150	14.2	17.2	41	44	49	6228	500	0.124	421	387	21.5
3x185	15.7	19.1	45	48	53	7703	500	0.0991	484	435	26.5
3x240	18.1	21.7	51	55	60	9997	250	0.754	570	500	34.3
3x300	20.2	24.0	56	61	67	12260	250	0.0601	648	558	42.9

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x1.5	1.5	3.0	10	12	15	282	1000	12.1	32	32	0.2
4x2.5	2.0	3.6	11	12	16	318	1000	7.41	42	42	0.4
4x4	2.5	4.0	12	14	18	427	1000	4.61	55	56	0.6
4x6	3.1	4.6	14	15	18	542	1000	3.08	68	69	0.9
4x10	4.0	5.6	16	18	21	804	1000	1.83	91	92	1.4
4x16	5.0	6.6	19	21	24	1172	1000	1.15	118	119	2.3
4x25	5.9	7.9	24	26	30	1751	1100	0.727	125	131	3.6
4x35	7.0	9.0	24	26	30	1823	1000	0.524	184	186	5.0
4x50	8.2	10.4	28	30	34	2741	1000	0.387	211	213	7.2
4x70	9.8	12.2	33	35	39	3815	1000	0.268	257	260	10.0
4x95	11.3	13.7	37	40	45	5101	500	0.193	309	312	13.6
4x120	12.8	15.4	41	44	49	6458	500	0.153	350	354	17.2
4x150	14.2	17.2	45	48	54	7733	500	0.124	395	399	21.5
4x185	15.7	19.1	50	53	59	9590	250	0.0991	442	446	26.5
4x240	18.1	21.7	57	60	66	12431	250	0.754	508	513	34.3
4x300	20.2	24.0	62	66	72	15271	250	0.0601	566	572	42.9

Copper Cables - Shielded XLPE Insulation
0.6/1 KV
CU/XLPE/CWS/PVC - N2XCY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Concentric Conductor	: Plain Annealed Copper Wires
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

5-cores	Brown, Black, Grey, Blue, [Green/Yellow]
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Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen

IEC 60332-1 IEC 60332-3-22 IEC 60332-3-23 IEC 60332-3-24	Standard	Excellent	0 °C	14 D		Normal Operation Temperature	Short Circuit Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x1.5	1.5	3.0	11	12	16	372	1000	12.1	29	33	0.2
5x2.5	2.0	3.6	12	14	18	471	1000	7.41	38	43	0.4
5x4	2.5	4.0	13	15	19	592	1000	4.61	50	57	0.6
5x6	3.1	4.6	15	17	20	646	1000	3.08	63	71	0.9
5x10	4.0	5.6	18	20	24	993	1000	1.83	87	94	1.4
5x16	5.0	6.6	21	22	26	1398	1000	1.15	116	121	2.3
5x25	5.9	7.9	25	27	30	1923	1000	0.727	156	158	3.6
5x35	7.0	9.0	28	30	33	2492	1000	0.524	191	188	5.0
5x50	8.2	10.4	31	33	37	3299	1000	0.387	231	220	7.2
5x70	9.8	12.2	37	39	44	4664	1000	0.268	272	263	10.0
5x95	11.3	13.7	41	44	49	6234	500	0.193	333	314	13.6
5x120	12.8	15.4	46	49	54	7770	500	0.153	385	357	17.2
5x150	14.2	17.2	50	53	59	9371	500	0.124	438	399	21.5
5x185	15.7	19.1	56	58	64	11615	250	0.0991	498	447	26.5

Copper Cables - Shielded XLPE Insulation
0.6/1 KV
CU/XLPE/CWS/PVC - N2XSY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 - Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Screen	: Plain Annealed Copper Tapes
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

1-core	Natural or Black
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Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Screen Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
1x10	4.0	6.2	9	9	13	272	1000	1.83	84	91	1.3
5x16	5.0	6.6	9	10	13	316	1000	1.15	110	117	2.3
5x25	5.9	7.9	11	11	15	417	1000	0.727	158	156	3.6
5x35	7.0	9.0	12	12	16	520	1000	0.524	192	186	5.0
5x50	8.2	10.4	13	13	17	655	1000	0.387	233	220	7.2
5x70	9.8	12.2	15	15	19	881	1000	0.268	292	269	10.0
5x95	11.3	13.7	17	17	21	1141	1000	0.193	357	321	13.6
5x120	12.8	15.4	18	18	22	1386	1000	0.153	415	364	17.2
5x150	14.2	17.2	20	20	24	1671	1000	0.124	472	406	21.5
5x185	15.7	19.1	22	22	26	2042	1000	0.0991	542	457	26.5
5x240	18.1	21.7	25	25	29	2616	1000	0.0754	639	523	34.3
5x300	20.2	24.0	27	27	31	3198	1000	0.0601	727	582	42.9
5x400	22.8	27.0	30	30	34	4053	1000	0.047	824	639	57.2
5x500	26.1	30.7	34	34	38	5090	500	0.0366	934	706	71.5
5x630	29.9	34.9	38	38	43	6513	500	0.0283	1049	771	90.1

Copper Cables - Shielded XLPE Insulation

0.6/1 KV

CU/XLPE/CTS/PVC - N2XSY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Screen	: Plain Annealed Copper Tapes
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x1.5	1.5	3.0	9	9	12	188	1000	12.1	30	35	0.2
2x2.5	2.0	3.6	10	10	13	242	1000	7.41	40	46	0.4
2x4	2.5	4.0	12	12	16	313	1000	4.61	53	61	0.6
2x6	3.1	4.6	12	12	16	372	1000	3.08	67	76	0.9
2x10	4.0	5.6	14	14	18	517	1000	1.83	92	102	1.4
2x16	5.0	6.6	16	16	20	695	1000	1.15	122	132	2.3
2x25	5.9	7.9	19	19	23	979	1000	0.727	162	171	3.6
2x35	7.0	9.0	21	21	25	1249	1000	0.524	199	206	5.0
2x50	8.2	10.4	24	24	28	1628	1000	0.387	240	243	7.2
2x70	9.8	12.2	28	28	31	2100	1000	0.268	302	298	10.0
2x95	11.3	13.7	31	31	35	2745	1000	0.193	369	357	13.6
2x120	12.8	15.4	34	34	39	3375	1000	0.153	427	404	17.2
2x150	14.2	17.2	38	39	43	4165	1000	0.124	486	451	21.5
2x185	15.7	19.1	42	42	47	5316	500	0.0991	558	508	26.5
2x240	18.1	21.7	47	48	53	6845	500	0.754	655	585	34.3
2x300	20.2	24.0	52	52	58	8361	500	0.0601	743	652	42.9
3x1.5	1.5	3.0	9	9	12	220	1000	12.1	25	29	0.2
3x2.5	2.0	3.6	10	10	14	275	1000	7.41	34	39	0.4
3x4	2.5	4.0	11	11	15	348	1000	4.61	44	50	0.6
3x6	3.1	4.6	12	13	16	423	1000	3.08	56	64	0.9
3x10	4.0	5.6	15	15	19	616	1000	1.83	78	86	1.4
3x16	5.0	6.6	17	17	21	836	1000	1.15	103	111	2.3
3x25	5.9	7.9	20	20	24	1203	1000	0.727	138	143	3.6
3x35	7.0	9.0	23	23	27	1584	1000	0.524	169	173	5.0
3x50	8.2	10.4	26	26	30	2039	1000	0.387	209	209	7.2
3x70	9.8	12.2	30	30	34	2791	1100	0.268	264	256	10.0
3x95	11.3	13.7	33	33	38	3690	1000	0.193	322	305	13.6
3x120	12.8	15.4	37	37	42	4611	1000	0.153	372	346	17.2
3x150	14.2	17.2	41	41	46	5613	500	0.124	427	387	21.5
3x185	15.7	19.1	45	45	50	6878	500	0.0991	490	436	26.5
3x240	18.1	21.7	51	51	57	8918	500	0.754	574	501	34.3
3x300	20.2	24.0	56	56	62	10895	250	0.0601	653	560	42.9

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x1.5	1.5	3.0	11	12	15	305	1000	12.1	28	33	0.2
4x2.5	2.0	3.6	11	11	15	363	1000	7.41	37	43	0.4
4x4	2.5	4.0	12	12	16	460	1000	4.61	49	56	0.6
4x6	3.1	4.6	14	14	17	493	1000	3.08	63	70	0.9
4x10	4.0	5.6	16	16	20	740	1000	1.83	86	93	1.4
4x16	5.0	6.6	19	19	23	1054	1000	1.15	115	121	2.3
4x25	5.9	7.9	24	24	27	1561	1000	0.727	154	157	3.6
4x35	7.0	9.0	25	25	29	1918	1000	0.524	189	187	5.0
4x50	8.2	10.4	28	29	33	2500	1000	0.387	220	214	7.2
4x70	9.8	12.2	33	33	37	3522	1000	0.268	277	261	10.0
4x95	11.3	13.7	37	37	42	4749	500	0.193	339	312	13.6
4x120	12.8	15.4	41	41	46	5849	500	0.153	394	354	17.2
4x150	14.2	17.2	45	46	51	7155	500	0.124	455	399	21.5
4x185	15.7	19.1	50	50	56	8779	500	0.0991	516	446	26.5
4x240	18.1	21.7	56	57	62	11372	500	0.754	605	511	34.3
4x300	20.2	24.0	62	62	68	13927	250	0.0601	687	571	42.9

Copper Cables - Shielded XLPE Insulation
0.6/1 KV
CU/XLPE/CTS/PVC - N2XSY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Screen	: Plain Annealed Copper Tapes
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

5-cores	Brown, Black, Grey, Blue, [Green/Yellow]
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Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x1.5	1.5	3.0	11	11	14	347	1000	12.1	29	33	0.2
5x2.5	2.0	3.6	12	12	16	372	1000	7.41	38	43	0.4
5x4	2.5	4.0	13	14	17	475	1000	4.61	51	57	0.6
5x6	3.1	4.6	15	15	19	604	1000	3.08	65	71	0.9
5x10	4.0	5.6	18	19	22	946	1000	1.83	89	95	1.4
5x16	5.0	6.6	21	21	25	1265	1000	1.15	119	122	2.3
5x25	5.9	7.9	25	25	29	1818	1000	0.727	160	159	3.6
5x35	7.0	9.0	28	28	32	2393	1000	0.524	196	190	5.0
5x50	8.2	10.4	31	32	36	3124	1000	0.387	238	223	7.2
5x70	9.8	12.2	37	37	42	4396	1000	0.268	277	268	10.0
5x95	11.3	13.7	41	41	46	5804	500	0.193	339	321	13.6
5x120	12.8	15.4	46	46	51	7158	500	0.153	393	365	17.2
5x150	14.2	17.2	51	51	56	8765	500	0.124	449	409	21.5
5x185	15.7	19.1	56	56	62	10799	250	0.0991	515	461	26.5

Copper Cables – Lead Sheath XLPE Insulation
0.6/1 KV
CU/XLPE/LS/PVC - N2XKY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

1-core	Natural or Black
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Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
1x16	5.0	6.6	12	16	19	1248	1000	1.150	120	118	2.3
1x25	5.9	7.9	12	16	19	1340	1000	0.727	158	155	3.6
1x35	7.0	9.0	12	16	19	1417	1000	0.524	191	185	5.0
1x50	8.2	10.4	13	17	20	1576	1000	0.387	231	220	7.2
1x70	9.8	12.2	15	19	22	1906	1000	0.268	291	270	10.0
1x95	11.3	13.7	17	20	24	2263	1000	0.193	356	322	13.6
1x120	12.8	15.4	18	22	25	2610	1000	0.153	415	367	17.2
1x150	14.2	17.2	20	24	27	3002	1000	0.124	474	410	21.5
1x185	15.7	19.1	22	26	29	3481	1000	0.0991	550	464	26.5
1x240	18.1	21.7	25	28	32	4229	1000	0.0754	654	536	34.3
1x300	20.2	24.0	27	30	34	4937	1000	0.0601	752	604	42.9
1x400	22.8	27.0	30	34	37	5994	500	0.047	870	682	57.2
1x500	26.1	30.7	34	37	41	7259	500	0.0366	1005	768	71.5
1x630	29.9	34.9	38	41	46	8974	500	0.0283	1155	857	90.1

Copper Cables – Lead Sheath XLPE Insulation

0.6/1 KV

CU/XLPE/LS/PVC - N2XKY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-23	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x1.5	1.5	3.0	12	16	19	1199	1000	12.1	30	33	0.2
2x2.5	2.0	3.6	12	16	19	1250	1000	7.41	40	44	0.4
2x4	2.5	4.0	12	16	19	1267	1000	4.61	53	59	0.6
2x6	3.1	4.6	12	16	19	1282	1000	3.08	67	74	0.9
2x10	4.0	5.6	14	17	21	1473	1000	1.83	91	101	1.4
2x16	5.0	6.6	16	19	22	1753	1000	1.15	121	131	2.3
2x25	5.9	7.9	19	23	26	2251	1000	0.727	160	169	3.6
2x35	7.0	9.0	21	25	28	2654	1000	0.524	196	204	5.0
2x50	8.2	10.4	24	28	31	3223	1000	0.387	237	241	7.2
2x70	9.8	12.2	28	31	35	4023	1000	0.268	299	297	10.0
2x95	11.3	13.7	31	35	38	4896	1000	0.193	365	355	13.6
2x120	12.8	15.4	34	38	42	5762	500	0.153	423	403	17.2
2x150	14.2	17.2	38	42	46	6850	500	0.124	484	452	21.5
2x185	15.7	19.1	42	46	50	8052	500	0.0991	554	509	26.5
2x240	18.1	21.7	47	51	56	10119	500	0.0754	655	590	34.3
2x300	20.2	24.0	52	56	61	12113	250	0.0601	747	663	42.9
3x1.5	1.5	3.0	12	16	19	1233	1000	12.1	26	28	0.2
3x2.5	2.0	3.6	12	16	19	1255	1000	7.41	34	37	0.4
3x4	2.5	4.0	12	16	20	1289	1000	4.61	45	49	0.6
3x6	3.1	4.6	12	16	19	1303	1000	3.08	56	63	0.9
3x10	4.0	5.6	15	18	22	1626	1000	1.83	77	85	1.4
3x16	5.0	6.6	17	20	24	1966	1000	1.15	103	110	2.3
3x25	5.9	7.9	20	24	27	2550	1000	0.727	136	142	3.6
3x35	7.0	9.0	23	26	30	3099	1000	0.524	167	171	5.0
3x50	8.2	10.4	26	29	33	3748	1000	0.387	206	207	7.2
3x70	9.8	12.2	30	33	37	4742	1000	0.268	259	254	10.0
3x95	11.3	13.7	33	37	41	5833	500	0.193	318	304	13.6
3x120	12.8	15.4	37	41	45	7038	500	0.153	368	344	17.2
3x150	14.2	17.2	41	45	49	8276	500	0.124	421	387	21.5
3x185	15.7	19.1	45	49	54	9823	500	0.0991	486	436	26.5
3x240	18.1	21.7	51	55	60	12585	250	0.0754	574	504	34.3
3x300	20.2	24.0	56	60	66	15120	250	0.0601	658	569	42.9

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x1.5	1.5	3.0	12	16	20	1257	1000	12.1	28	31	0.2
4x2.5	2.0	3.6	12	16	19	1254	1000	7.41	38	42	0.4
4x4	2.5	4.0	12	16	20	1308	1000	4.61	49	55	0.6
4x6	3.1	4.6	14	17	20	1460	1000	3.08	62	69	0.9
4x10	4.0	5.6	16	20	23	1847	1000	1.83	85	92	1.4
4x16	5.0	6.6	19	23	26	2334	1000	1.15	113	119	2.3
4x25	5.9	7.9	23	26	30	3011	1000	0.727	151	155	3.6
4x35	7.0	9.0	25	29	32	3641	1000	0.524	186	185	5.0
4x50	8.2	10.4	28	32	36	4437	1000	0.387	218	213	7.2
4x70	9.8	12.2	33	36	40	5670	500	0.268	273	260	10.0
4x95	11.3	13.7	37	41	45	7165	500	0.193	335	311	13.6
4x120	12.8	15.4	41	45	49	8518	500	0.153	389	352	17.2
4x150	14.2	17.2	45	49	54	10088	250	0.124	451	399	21.5
4x185	15.7	19.1	50	54	59	12412	250	0.0991	516	448	26.5
4x240	18.1	21.7	56	61	67	15881	250	0.0754	608	518	34.3
4x300	20.2	24.0	62	67	73	19124	250	0.0601	696	583	42.9

Copper Cables – Lead Sheath XLPE Insulation
0.6/1 KV
CU/XLPE/LS/PVC - N2XKY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

5-cores	Brown, Black, Grey, Blue, [Green/Yellow]
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Other colors are available upon request

STANDARDS APPLIED

- | | |
|-----------------|----------------------------|
| SNI IEC 60502-1 | Design and Test Guidelines |
| IEC 60502-1 | Design and Test Guidelines |
| IEC 60228 | Conductor |
| IEC 60332-1 | Flame Retardant |
| IEC 60332-3-22 | Flame Retardant Cat. A |
| IEC 60332-3-23 | Flame Retardant Cat. B |
| IEC 60332-3-24 | Flame Retardant Cat. C |

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature

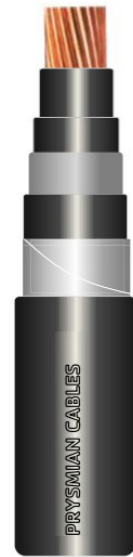


Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Over Armour Diameter	Outer Sheath Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x1.5	1.5	3.0	12	16	19	1251	1000	12.1	29	32	0.2
5x2.5	2.0	3.6	12	16	20	1289	1000	7.41	38	42	0.4
5x4	2.5	4.0	13	17	20	1412	1000	4.61	51	57	0.6
5x6	3.1	4.6	15	19	22	1635	1000	3.08	64	70	0.9
5x10	4.0	5.6	18	22	25	2167	1000	1.83	88	94	1.4
5x16	5.0	6.6	21	24	28	2669	1000	1.15	117	121	2.3
5x25	5.9	7.9	25	28	32	3456	1000	0.727	157	157	3.6
5x35	7.0	9.0	28	31	35	4212	1000	0.524	193	188	5.0
5x50	8.2	10.4	31	35	39	5187	1000	0.387	233	220	7.2
5x70	9.8	12.2	37	41	45	6800	500	0.268	267	255	10.0
5x95	11.3	13.7	41	45	49	8437	500	0.193	325	305	13.6
5x120	12.8	15.4	46	49	54	10135	250	0.153	376	346	17.2
5x150	14.2	17.2	50	54	60	12427	250	0.124	428	387	21.5
5x185	15.7	19.1	56	60	65	15009	250	0.0991	488	435	26.5

Copper Cables – Lead Sheath XLPE Insulation 0.6/1 KV CU/XLPE/LS/PVC/DATA/PVC - N2XKB(AL)Y



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Separation Sheath	: PVC Compound
Metallic Armour	: Aluminium Tape
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

1-core	Natural or Black
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Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

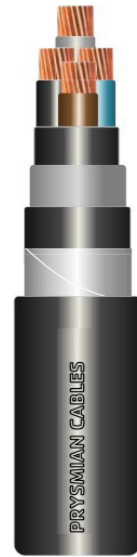
Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheet Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
1x25	5.9	7.9	12	16	18	21	25	1654	1000	0.727	167	156	3.6
1x35	7.0	9.0	12	15	18	21	25	1663	1000	0.524	202	189	5.0
1x50	8.2	10.4	13	17	19	23	26	1926	1000	0.387	245	224	7.2
1x70	9.8	12.2	15	19	21	24	28	2283	1000	0.268	306	273	10.0
1x95	11.3	13.7	17	20	23	26	30	2666	1000	0.193	372	325	13.6
1x120	12.8	15.4	18	22	24	28	31	3041	1000	0.153	428	368	17.2
1x150	14.2	17.2	20	24	26	29	33	3479	1000	0.124	485	409	21.5
1x185	15.7	19.1	22	26	28	31	36	4003	1000	0.099	555	458	26.5
1x240	18.1	21.7	25	28	31	35	39	4884	1000	0.075	649	519	34.3
1x300	20.2	24.0	27	30	33	37	42	5655	500	0.060	731	573	42.9
1x400	22.8	27.0	30	34	37	41	45	6821	500	0.0470	826	633	57.2
1x500	26.1	30.7	34	37	40	45	50	8309	500	0.0366	920	682	71.5
1x630	29.9	34.9	38	41	45	50	55	10157	250	0.0283	1023	738	90.1

Copper Cables – Lead Sheath XLPE Insulation

0.6/1 KV

CU/XLPE/LS/PVC/DSTA/PVC - N2XKBY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Separation Sheath	: PVC Compound
Metallic Armour	: Double Galvanized Steel Tapes
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

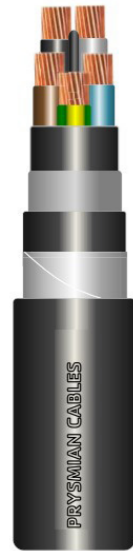
Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Over Armour Diameter	Outer Sheet Diameter	Cable Weight	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km	A	A	kA
2x1.5	1.5	3.0	12	16	18	19	22	1451	12.1	30	34	0.2
2x2.5	2.0	3.6	13	16	19	19	23	1507	7.41	40	44	0.4
2x4	2.5	4.0	13	16	19	19	23	1523	4.61	53	58	0.6
2x6	3.1	4.6	12	16	19	19	23	1514	3.08	67	74	0.9
2x10	4.0	5.6	14	17	20	21	24	1745	1.83	92	100	1.4
2x16	5.0	6.6	16	19	22	22	26	2048	1.15	122	130	2.3
2x25	5.9	7.9	19	23	25	26	29	2590	0.727	160	168	3.6
2x35	7.0	9.0	21	25	27	28	31	3021	0.524	197	202	5.0
2x50	8.2	10.4	24	28	30	31	34	3646	0.387	237	239	7.2
2x70	9.8	12.2	28	31	34	35	38	4514	0.268	298	294	10.0
2x95	11.3	13.7	31	35	38	40	44	5922	0.193	366	351	13.6
2x120	12.8	15.4	34	38	41	43	48	6878	0.153	423	399	17.2
2x150	14.2	17.2	38	42	45	48	52	8099	0.124	481	446	21.5
2x185	15.7	19.1	42	46	49	51	56	9404	0.0991	548	501	26.5
2x240	18.1	21.7	47	51	54	57	62	11594	0.0754	645	578	34.3
2 x300	20.2	24.0	52	56	59	62	67	13747	0.0601	731	645	42.9
3x1.5	1.5	3.0	12	16	19	19	23	1488	12.1	26	28	0.2
3x2.5	2.0	3.6	12	16	18	19	22	1488	7.41	34	37	0.4
3x4	2.5	4.0	12	16	18	19	22	1463	4.61	45	49	0.6
3x6	3.1	4.6	12	16	19	19	23	1557	3.08	57	63	0.9
3x10	4.0	5.6	15	18	21	22	25	1910	1.83	78	84	1.4
3x16	5.0	6.6	17	20	23	24	27	2274	1.15	103	109	2.3
3x25	5.9	7.9	21	25	27	28	31	3046	0.727	136	140	3.6
3x35	7.0	9.0	24	28	30	31	35	3718	0.524	167	170	5.0
3x50	8.2	10.4	27	31	34	34	38	4455	0.387	206	205	7.2
3x70	9.8	12.2	32	35	38	40	44	6062	0.268	261	251	10.0
3x95	11.3	13.7	35	39	42	44	49	7320	0.193	318	300	13.6
3x120	12.8	15.4	40	44	47	50	54	8867	0.153	368	341	17.2
3x150	14.2	17.2	44	48	51	53	58	10214	0.124	419	382	21.5
3x185	15.7	19.1	49	53	56	58	63	12007	0.0991	481	429	26.5
3x240	18.1	21.7	55	59	62	65	70	15113	0.0754	564	494	34.3
3x300	20.2	24.0	60	64	67	70	76	17950	0.0601	643	553	42.9

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Over Armour Diameter	Outer Sheet Diameter	Cable Weight	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km	A	A	kA
4x1.5	1.5	3.0	12	16	18	19	22	1506	12.1	29	31	0.2
4x2.5	2.0	3.6	12	16	19	19	23	1509	7.41	38	41	0.4
4x4	2.5	4.0	12	16	18	19	22	1514	4.61	50	55	0.6
4x6	3.1	4.6	13.5	17	19.5	20	24	1725	3.08	63	69	0.9
4x10	4.0	5.6	16	19.5	22	23	26	2142	1.83	86	91	1.4
4x16	5.0	6.6	19	23	25	26	29	2663	1.15	113	118	2.3
4x25	5.9	7.9	23	26	29	30	33	3384	0.727	152	153	3.6
4x35	7.0	9.0	25	29	31	32	36	4064	0.524	185	183	5.0
4x50	8.2	10.4	28	32	35	37	41	5312	0.387	217	210	7.2
4x70	9.8	12.2	33	36	40	42	46	6739	0.268	273	257	10.0
4x95	11.3	13.7	37	41	44	46	51	8323	0.193	335	308	13.6
4x120	12.8	15.4	41	45	48	50	55	9800	0.153	387	348	17.2
4x150	14.2	17.2	49	53	56	58	63	12155	0.124	446	393	21.5
4x185	15.7	19.1	50	54	57	60	65	13894	0.0991	507	440	26.5

Copper Cables – Lead Sheath XLPE Insulation
0.6/1 KV
CU/XLPE/LS/PVC/DSTA/PVC - N2XKBY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Separation Sheath	: PVC Compound
Metallic Armour	: Double Galvanized Steel Tapes
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

5-cores Brown, Black, Grey, Blue, [Green/Yellow]

Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature

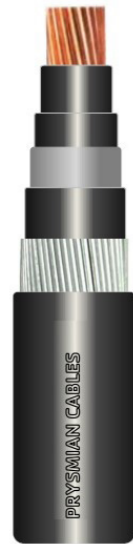


Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Over Armour Diameter	Outer Sheet Diameter	Cable Weight	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km	A	A	kA
5x1.5	1.5	3.0	12	16	18	19	22	1535	12.1	30	32	0.2
5x2.5	2.0	3.6	12	16	19	19	23	1593	7.41	39	42	0.4
5x4	2.5	4.0	13	17	20	20	24	1766	4.61	51	56	0.6
5x6	3.1	4.6	15	19	21	22	25	2033	3.08	65	70	0.9
5x10	4.0	5.6	18	22	24	25	28	2664	1.83	88	93	1.4
5x16	5.0	6.6	21	24	27	28	31	3246	1.15	117	120	2.3
5x25	5.9	7.9	25	28	31	32	35	4211	0.727	157	155	3.6
5x35	7.0	9.0	27	31	33	34	38	4992	0.524	192	185	5.0
5x50	8.2	10.4	31	35	38	41	45	6758	0.387	232	217	7.2
5x70	9.8	12.2	37	41	44	46	51	8712	0.268	268	255	10.0
5x95	11.3	13.7	41	45	48	50	55	10707	0.193	327	306	13.6
5x120	12.8	15.4	46	49	52	55	60	12708	0.153	379	349	17.2
5x150	14.2	17.2	50	54	58	60	65	15404	0.124	431	391	21.5
5x185	15.7	19.1	56	60	63	65	71	18475	0.0991	491	439	26.5

Copper Cables – Lead Sheath XLPE Insulation 0.6/1 KV CU/XLPE/LS/PVC/AWA/PVC - N2XKR(AL)Y



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Separation Sheath	: PVC Compound
Metallic Armour	: Aluminium Wires
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

1-core Natural or Black

Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

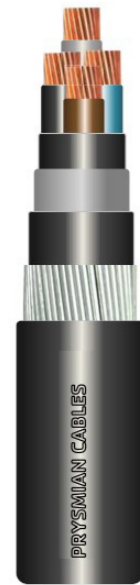
Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheet Diameter	Cable Weight	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km	A	A	kA
1x25	5.9	7.9	12	16	18	21	25	1654	0.727	167	156	3.6
1x35	7.0	9.0	12	15	18	21	25	1663	0.524	202	189	5.0
1x50	8.2	10.4	13	17	19	23	26	1926	0.387	245	224	7.2
1x70	9.8	12.2	15	19	21	24	28	2283	0.268	306	273	10.0
1x95	11.3	13.7	17	20	23	26	30	2666	0.193	372	325	13.6
1x120	12.8	15.4	18	22	24	28	31	3041	0.153	428	368	17.2
1x150	14.2	17.2	20	24	26	29	33	3479	0.124	485	409	21.5
1x185	15.7	19.1	22	26	28	31	36	4003	0.0991	555	458	26.5
1x240	18.1	21.7	25	28	31	35	39	4884	0.0754	649	519	34.3
1x300	20.2	24.0	27	30	33	37	42	5655	0.0601	731	573	42.9
1x400	22.8	27.0	30	34	37	41	45	6821	0.047	826	633	57.2
1x500	26.1	30.7	34	37	40	45	50	8309	0.0366	920	682	71.5
1x630	29.9	34.9	38	41	45	50	55	10157	0.0283	1023	738	90.1

Copper Cables – Lead Sheath XLPE Insulation

0.6/1 KV

CU/XLPE/LS/PVC/SWA/PVC - N2XKRY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Separation Sheath	: PVC Compound
Metallic Armour	: Galvanized Steel Wires
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue

Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



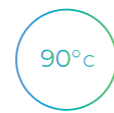
Excellent



0 °C



14 D



Normal
Operation
Temperature



Short
Circuit
Temperature

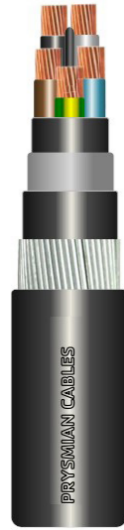
Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheet Diameter	Cable Weight	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km	A	A	kA
2x1.5	1.5	3.0	12	16	18	21	25	1742	12.1	31	33	0.2
2x2.5	2.0	3.6	12	16	18	21	25	1797	7.41	41	45	0.4
2x4	2.5	4.0	12	16	18	21	25	1813	4.61	54	59	0.6
2x6	3.1	4.6	12	16	18	21	25	1805	3.08	69	74	0.9
2x10	4.0	5.6	14	17	20	23	27	2167	1.83	95	101	1.4
2x16	5.0	6.6	16	19	22	25	29	2503	1.15	126	132	2.3
2x25	5.9	7.9	19	23	25	28	32	3101	0.727	165	170	3.6
2x35	7.0	9.0	21	25	27	30	34	3591	0.524	202	204	5.0
2x50	8.2	10.4	24	28	30	34	38	4493	0.387	242	241	7.2
2x70	9.8	12.2	28	31	34	38	42	5453	0.268	306	297	10.0
2x95	11.3	13.7	31	35	38	42	46	6504	0.193	372	354	13.6
2x120	12.8	15.4	34	38	41	46	51	7989	0.153	433	403	17.2
2x150	14.2	17.2	38	42	45	50	55	9298	0.124	492	450	21.5
2x185	15.7	19.1	42	46	49	54	60	10695	0.0991	560	506	26.5
2x240	18.1	21.7	47	51	54	59	65	13028	0.0754	658	585	34.3
2 x 300	20.2	24.0	52	56	59	64	71	15296	0.0601	747	654	42.9
3x1.5	1.5	3.0	12	16	18	21	25	1779	12.1	26	29	0.2
3x2.5	2.0	3.6	12	16	18	21	25	1780	7.41	35	37	0.4
3x4	2.5	4.0	12	16	18	21	25	1874	4.61	46	49	0.6
3x6	3.1	4.6	12	16	18	21	25	1849	3.08	59	63	0.9
3x10	4.0	5.6	15	18	21	24	28	2302	1.83	81	85	1.4
3x16	5.0	6.6	17	20	23	26	30	2749	1.15	107	111	2.3
3x25	5.9	7.9	20	24	26	29	33	3440	0.727	140	142	3.6
3x35	7.0	9.0	23	26	29	32	36	4097	0.524	172	171	5.0
3x50	8.2	10.4	26	29	32	36	40	5087	0.387	213	208	7.2
3x70	9.8	12.2	30	33	36	40	44	6191	0.268	266	252	10.0
3x95	11.3	13.7	33	37	40	45	50	7990	0.193	324	303	13.6
3x120	12.8	15.4	37	41	44	49	54	9272	0.153	378	345	17.2
3x150	14.2	17.2	41	45	48	53	58	10869	0.124	429	385	21.5
3x185	15.7	19.1	45	49	52	57	63	12589	0.0991	492	434	26.5
3x240	18.1	21.7	51	55	58	63	69	15678	0.0754	577	501	34.3
3x300	20.2	24.0	56	60	63	68	75	18498	0.0601	658	562	42.9

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheet Diameter	Cable Weight	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km	A	A	kA
4x1.5	1.5	3.0	12	16	18	21	25	1796	12.1	29	31	0.2
4x2.5	2.0	3.6	12	16	18	21	25	1800	7.41	39	42	0.4
4x4	2.5	4.0	12	16	18	21	25	1807	4.61	51	55	0.6
4x6	3.1	4.6	14	17	20	23	27	2175	3.08	65	69	0.9
4x10	4.0	5.6	16	20	22	25	29	2627	1.83	89	93	1.4
4x16	5.0	6.6	19	23	25	28	32	3213	1.15	117	119	2.3
4x25	5.9	7.9	23	26	29	32	36	3976	0.727	156	155	3.6
4x35	7.0	9.0	25	29	31	35	40	4988	0.524	192	185	5.0
4x50	8.2	10.4	28	32	35	39	43	5889	0.387	224	212	7.2
4x70	9.8	12.2	33	36	40	44	48	7329	0.268	278	259	10.0
4x95	11.3	13.7	37	41	44	49	54	9542	0.193	343	311	13.6
4x120	12.8	15.4	41	45	48	53	59	11113	0.153	395	351	17.2
4x150	14.2	17.2	45	49	52	57	63	12835	0.124	456	397	21.5
4x185	15.7	19.1	50	54	57	62	68	15466	0.0991	518	445	26.5
4x240	18.1	21.7	56	61	64	69	76	19310	0.0754	608	513	34.3
4 x300	20.2	24.0	62	67	70	76	84	23736	0.0601	694	575	42.9

Copper Cables – Lead Sheath XLPE Insulation 0.6/1 KV CU/XLPE/LS/PVC/SWA/PVC - N2XKRY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Alloy
Separation Sheath	: PVC Compound
Metallic Armour	: Galvanized Steel Wires
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

5-cores Brown, Black, Grey, Blue, [Green/Yellow]

Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



Normal
Operation
Temperature

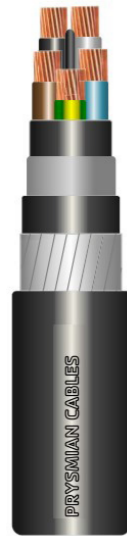


Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheet Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
5x1.5	1.5	3.1	10	14	17	20	24	1620	1000	12.1	24	26	0.2
5x2.5	2.0	3.6	12	15	19	21	25	1820	1000	7.41	32	34	0.4
5x4	2.5	4.1	13	17	20	23	27	2185	1000	4.61	42	45	0.6
5x6	3.1	4.6	15	18	21	25	28	2462	1000	3.08	53	56	0.9
5x10	4.1	5.7	18	22	25	28	32	3112	1000	1.83	93	95	1.4
5x16	5.0	6.6	21	24	27	31	35	3706	1000	1.15	124	124	2.3
5x25	6.0	8.0	25	28	31	35	40	4925	1000	0.727	166	161	3.6
5x35	7.0	9.1	28	31	34	38	43	5812	500	0.524	205	195	5.0
5x50	8.2	10.5	31	35	38	42	47	6957	500	0.387	253	235	7.2
5x70	9.8	12.3	37	41	44	49	54	9248	500	0.268	322	288	10.0
5x95	11.4	13.9	41	45	48	53	59	11160	250	0.193	404	350	13.6
5x120	12.9	15.6	46	50	53	58	64	13249	250	0.153	472	398	17.2
5x150	14.3	17.3	50	55	58	63	69	15851	250	0.124	538	442	21.5
5x185	15.8	19.3	56	60	63	68	75	18776	250	0.0991	617	494	26.5

Copper Cables – Lead Sheath XLPE Insulation 0.6/1 KV CU/XLPE/LS/PVC/SFA/PVC - N2XKFY



CONSTRUCTION

Conductor	: Plain annealed copper wire according to IEC 60228 · Class 1 for Solid Conductors · Class 2 for Stranded Conductors
Insulation	: XLPE Compound
Inner Covering	: PVC Compound
Metallic Sheath	: Lead Sheath
Separation Sheath	: PVC Compound
Metallic Armour	: Galvanized Steel Flat
Sheath	: PVC Compound ST2

CORE IDENTIFICATION

2-cores	Brown, Blue
3-cores	Brown, Black, Grey
4-cores	Brown, Black, Grey, Blue
5-cores	Brown, Black, Grey, Blue, [Green/Yellow]

Other colors are available upon request

STANDARDS APPLIED

SNI IEC 60502-1	Design and Test Guidelines
IEC 60502-1	Design and Test Guidelines
IEC 60228	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant Cat. A
IEC 60332-3-23	Flame Retardant Cat. B
IEC 60332-3-24	Flame Retardant Cat. C

Special Feature on Request:

- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Anti-termite
- Anti-Rodent
- Oil Resistance
- UV Resistance
- Low Smoke Zero Halogen



IEC 60332-1
IEC 60332-3-22
IEC 60332-3-23
IEC 60332-3-24



Standard



Excellent



0 °C



14 D



90°C
Normal
Operation
Temperature



250°C
Short
Circuit
Temperature

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheet Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
2x25	5.9	7.9	19	23	25	27	30	2861	1000	0.727	163	169	3.6
2x35	7.0	9.0	21	25	27	29	33	3328	1000	0.524	199	203	5.0
2x50	8.2	10.4	24	28	30	32	36	4000	1000	0.387	239	239	7.2
2x70	9.8	12.2	28	31	34	35	40	4878	500	0.268	301	294	10.0
2x95	11.3	13.7	31	35	38	39	44	5917	500	0.193	366	351	13.6
2x120	12.8	15.4	34	38	41	43	47	6914	500	0.153	424	399	17.2
2x150	14.2	17.2	38	42	45	47	52	8112	500	0.124	481	446	21.5
2x185	15.7	19.1	42	46	49	51	56	9425	500	0.0991	548	500	26.5
2x240	18.1	21.7	47	51	54	56	62	11619	250	0.0754	644	577	34.3
2x300	20.2	24.0	52	56	59	61	67	13787	250	0.0601	730	643	42.9
3x10	4.0	5.6	15	18	21	22	26	2143	1000	1.83	79	85	1.4
3x16	5.0	6.6	17	20	23	24	28	2546	1000	1.15	105	110	2.3
3x25	5.9	7.9	20	24	26	28	32	3218	1000	0.727	138	141	3.6
3x35	7.0	9.0	23	26	29	31	35	3851	1000	0.524	169	170	5.0
3x50	8.2	10.4	26	29	32	33	38	4572	1000	0.387	209	206	7.2
3x70	9.8	12.2	30	33	36	37	42	5715	500	0.268	261	251	10.0
3x95	11.3	13.7	33	37	40	41	46	6944	500	0.193	318	300	13.6
3x120	12.8	15.4	37	41	44	46	51	8243	500	0.153	368	341	17.2
3x150	14.2	17.2	41	45	48	49	55	9615	250	0.124	419	381	21.5
3x185	15.7	19.1	45	49	52	53	59	11251	250	0.0991	481	429	26.5
3x240	18.1	21.7	51	55	58	60	66	14194	250	0.0754	564	493	34.3
3x300	20.2	24.0	56	60	63	65	71	16907	250	0.0601	641	552	42.9

Dimension and Electrical Data

Cross Section	Conductor Diameter	Insulation Diameter	Inner Covering Diameter	Metallic Sheath Diameter	Sep. Sheath Diameter	Metallic Armour Diameter	Outer Sheet Diameter	Cable Weight	Packaging	Max DC Resistance at 20°C	Current Rating in Air at 30°C	Current Rating in Ground at 30°C	Short Circuit Current for 1s
mm ²	mm	mm	mm	mm	mm	mm	mm	kg/km	m	Ω/km	A	A	kA
4x6	3.1	4.6	14	17	20	21	25	1962	1000	3.08	64	69	0.9
4x10	4.0	5.6	16	20	22	24	28	2414	1000	1.83	87	92	1.4
4x16	5.0	6.6	19	23	25	27	30	2969	1000	1.15	115	118	2.3
4x25	5.9	7.9	23	26	29	30	34	3736	1000	0.727	154	153	3.6
4x35	7.0	9.0	25	29	31	33	37	4436	1000	0.524	187	183	5.0
4x50	8.2	10.4	28	32	35	36	41	5359	500	0.387	220	211	7.2
4x70	9.8	12.2	33	36	40	41	46	6780	500	0.268	274	257	10.0
4x95	11.3	13.7	37	41	44	46	51	8370	500	0.193	335	308	13.6
4x120	12.8	15.4	41	45	48	50	55	9860	250	0.153	386	347	17.2
4x150	14.2	17.2	45	49	52	54	59	11546	250	0.124	446	392	21.5
4x185	15.7	19.1	50	54	57	59	65	13992	250	0.0991	507	439	26.5
4x240	18.1	21.7	56	61	64	66	72	17648	250	0.0754	594	505	34.3
4x300	20.2	24.0	62	67	70	72	79	21142	250	0.0601	674	564	42.9
5x4	2.5	4.0	13	17	20	21	25	1912	1000	4.61	52	57	0.6
5x6	3.1	4.6	15	19	21	23	26	2170	1000	3.08	66	70	0.9
5x10	4.0	5.6	18	22	24	26	30	2774	1000	1.83	90	93	1.4
5x16	5.0	6.6	21	24	27	28	32	3342	1000	1.15	119	120	2.3
5x25	5.9	7.9	25	28	31	33	37	4264	1000	0.727	158	155	3.6
5x35	7.0	9.0	28	31	34	36	40	5146	500	0.524	193	185	5.0
5x50	8.2	10.4	31	35	38	40	44	6240	500	0.387	232	216	7.2
5x70	9.8	12.2	37	41	44	45	50	8005	500	0.268	264	251	10.0
5x95	11.3	13.7	41	45	48	49	55	9816	250	0.193	323	302	13.6
5x120	12.8	15.4	46	49	52	54	60	11622	250	0.153	374	345	17.2
5x150	14.2	17.2	50	54	58	59	65	14012	250	0.124	425	387	21.5
5x185	15.7	19.1	56	60	63	65	71	16775	250	0.0991	487	436	26.5

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Certification Partners





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