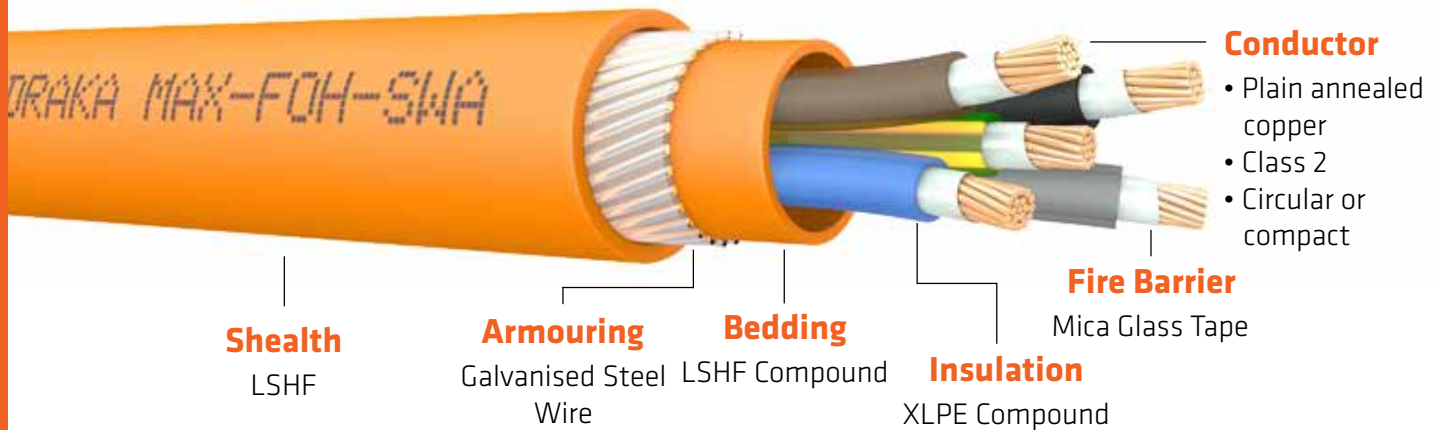


MAX-FOH-SWA 0.6/1kV, multi-core Insulated, armoured and sheathed



Application & Features

Features galvanised Steel Wire Armour, which enables cable to withstand high pulling loads. Commonly used in a whole range of industries including building and construction, rail and transport and particularly useful in external or underground projects.

Thermal Characteristics

Operating Temperature

-15°C to 90°C

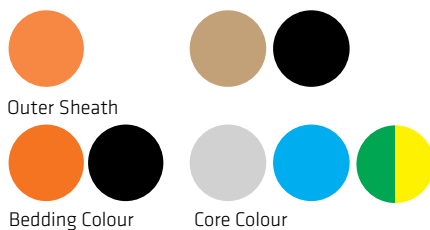
Installation Temperature

0°C to 50°C

Short Circuit Temperature

250°C

Identification



Optional Features



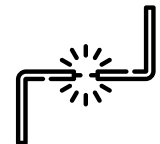
UV
Resistance



Anti-Termite



Anti-Rodent



Other Sheath colours are available

Bending Radius

Minimum bending radius
10 x overall diameter

Performance Characteristics

Reference Standard:

[IEC 60502-1](#)
[BS 7846](#)

Circuit Integrity:

[IEC 60331](#)
[SS 299-1 Cat C, W, Z](#)
[BS 6387 -Cat C, W, Z](#)

Flame Retardant:

[IEC 60332-1, 60332-3](#)

Halogen-free:

[IEC 60754-1](#)

Corrosive gas-free:

[IEC 60754-2](#)

Low Smoke Density:

[IEC 61034-2](#)

| Cable Size | Insulation Thickness | Diameter After Bedding | Amour Wire Diameter | Diameter After Armour | Sheath Thickness | Cable Overall Diameter | Cable Weight | Max electrical resistance |
|-----------------|----------------------|------------------------|---------------------|-----------------------|------------------|------------------------|--------------|---------------------------|
| mm ² | mm | mm | mm | mm | mm | mm | kg/km | ohm/km |
| 2x1.5 | 0.7 | 9.7 | 0.9 | 11.4 | 1.8 | 15.1 | 410 | 12.10 |
| 2x2.5 | 0.7 | 10.5 | 0.9 | 12.3 | 1.8 | 16.0 | 460 | 7.41 |
| 2x4 | 0.7 | 11.6 | 0.9 | 13.3 | 1.8 | 17.0 | 530 | 4.61 |
| 2x6 | 0.7 | 12.7 | 0.9 | 14.5 | 1.8 | 18.2 | 620 | 3.08 |
| 2x10 | 0.7 | 14.6 | 1.25 | 17.0 | 1.8 | 20.7 | 810 | 1.83 |
| 2x16 | 0.7 | 16.7 | 1.25 | 19.2 | 1.8 | 22.9 | 1000 | 1.15 |
| 2x25 | 0.9 | 20.2 | 1.6 | 23.3 | 1.8 | 27.0 | 1400 | 0.727 |
| 2x35 | 0.9 | 22.7 | 1.6 | 25.9 | 1.8 | 29.6 | 1800 | 0.524 |
| 2x50 | 1.0 | 25.8 | 1.6 | 28.9 | 1.9 | 32.9 | 2200 | 0.387 |
| 2x70 | 1.1 | 29.7 | 1.6 | 32.9 | 2.0 | 37.0 | 2800 | 0.268 |
| 2x95 | 1.1 | 34.1 | 2.0 | 38.0 | 2.1 | 42.4 | 3900 | 0.193 |
| 2x120 | 1.2 | 37.4 | 2.0 | 41.4 | 2.2 | 45.9 | 4600 | 0.153 |
| 2x150 | 1.4 | 41.7 | 2.0 | 45.7 | 2.4 | 50.6 | 5500 | 0.124 |
| 2x185 | 1.6 | 46.4 | 2.5 | 51.3 | 2.5 | 56.5 | 7000 | 0.0991 |
| 2x240 | 1.7 | 51.9 | 2.5 | 56.8 | 2.7 | 62.3 | 8600 | 0.0754 |
| 2x300 | 1.8 | 58.0 | 2.5 | 63.0 | 2.9 | 68.9 | 10000 | 0.0601 |
| 2x400 | 2.0 | 64.6 | 2.5 | 69.5 | 3.1 | 75.8 | 11000 | 0.047 |



MAX-FOH-SWA

0.6/1kV, multi-core
Insulated, armoured
and sheathed

| Cable Size | Insulation Thickness | Diameter After Bedding | Amour Wire Diameter | Diameter After Armour | Sheath Thickness | Cable Overall Diameter | Cable Weight | Max electrical resistance |
|-----------------|----------------------|------------------------|---------------------|-----------------------|------------------|------------------------|--------------|---------------------------|
| mm ² | mm | mm | mm | mm | mm | mm | kg/km | ohm/km |
| 3x1.5 | 0.7 | 10.3 | 0.9 | 12.0 | 1.8 | 15.7 | 440 | 12.10 |
| 3x2.5 | 0.7 | 11.2 | 0.9 | 12.9 | 1.8 | 16.6 | 510 | 7.41 |
| 3x4 | 0.7 | 12.3 | 0.9 | 14.1 | 1.8 | 17.8 | 590 | 4.61 |
| 3x6 | 0.7 | 13.6 | 1.25 | 16.0 | 1.8 | 19.7 | 810 | 3.08 |
| 3x10 | 0.7 | 15.6 | 1.25 | 18.0 | 1.8 | 21.7 | 960 | 1.83 |
| 3x16 | 0.7 | 17.9 | 1.25 | 20.3 | 1.8 | 24.0 | 1200 | 1.15 |
| 3x25 | 0.9 | 21.6 | 1.6 | 24.7 | 1.8 | 28.4 | 1700 | 0.727 |
| 3x35 | 0.9 | 24.3 | 1.6 | 27.4 | 1.8 | 31.2 | 2200 | 0.524 |
| 3x50 | 1.0 | 27.6 | 1.6 | 30.7 | 1.9 | 34.7 | 2700 | 0.387 |
| 3x70 | 1.1 | 32.5 | 2.0 | 36.4 | 2.1 | 40.7 | 3900 | 0.268 |
| 3x95 | 1.1 | 36.5 | 2.0 | 40.5 | 2.2 | 45.0 | 4900 | 0.193 |
| 3x120 | 1.2 | 40.1 | 2.0 | 44.0 | 2.3 | 48.8 | 5800 | 0.153 |
| 3x150 | 1.4 | 45.2 | 2.5 | 50.1 | 2.5 | 55.2 | 7500 | 0.124 |
| 3x185 | 1.6 | 49.8 | 2.5 | 54.7 | 2.6 | 60.0 | 8800 | 0.0991 |
| 3x240 | 1.7 | 56.0 | 2.5 | 60.9 | 2.8 | 66.7 | 11000 | 0.0754 |
| 3x300 | 1.8 | 62.3 | 2.5 | 67.2 | 3.0 | 73.3 | 13000 | 0.0601 |
| 3x400 | 2.0 | 69.3 | 2.5 | 74.2 | 3.3 | 81.0 | 16000 | 0.047 |

| Cable Size | Insulation Thickness | Diameter After Bedding | Amour Wire Diameter | Diameter After Armour | Sheath Thickness | Cable Overall Diameter | Cable Weight | Max electrical resistance |
|-----------------|----------------------|------------------------|---------------------|-----------------------|------------------|------------------------|--------------|---------------------------|
| mm ² | mm | mm | mm | mm | mm | mm | kg/km | ohm/km |
| 4x1.5 | 0.7 | 11.3 | 0.9 | 13.0 | 1.8 | 16.7 | 500 | 12.10 |
| 4x2.5 | 0.7 | 12.3 | 0.9 | 14.0 | 1.8 | 17.7 | 570 | 7.41 |
| 4x4 | 0.7 | 13.6 | 1.25 | 16.0 | 1.8 | 19.7 | 790 | 4.61 |
| 4x6 | 0.7 | 14.9 | 1.25 | 17.4 | 1.8 | 21.1 | 930 | 3.08 |
| 4x10 | 0.7 | 17.2 | 1.25 | 19.6 | 1.8 | 23.3 | 1100 | 1.83 |
| 4x16 | 0.7 | 19.8 | 1.25 | 22.9 | 1.8 | 26.6 | 1500 | 1.15 |
| 4x25 | 0.9 | 23.9 | 1.6 | 27.1 | 1.8 | 30.8 | 2100 | 0.727 |
| 4x35 | 0.9 | 27.0 | 1.6 | 30.1 | 1.9 | 34.0 | 2600 | 0.524 |
| 4x50 | 1.0 | 31.1 | 1.6 | 35.0 | 2.1 | 39.3 | 3700 | 0.387 |
| 4x70 | 1.1 | 36.0 | 2.0 | 39.9 | 2.2 | 44.5 | 4700 | 0.268 |
| 4x95 | 1.1 | 40.6 | 2.0 | 44.5 | 2.3 | 49.3 | 6000 | 0.193 |
| 4x120 | 1.2 | 45.0 | 2.0 | 49.9 | 2.5 | 55.0 | 7800 | 0.153 |
| 4x150 | 1.4 | 50.2 | 2.5 | 55.1 | 2.7 | 60.6 | 9400 | 0.124 |
| 4x185 | 1.6 | 55.8 | 2.5 | 60.7 | 2.8 | 66.4 | 11000 | 0.0991 |
| 4x300 | 1.8 | 69.3 | 2.5 | 74.2 | 3.2 | 80.7 | 16000 | 0.0601 |
| 4x400 | 2.0 | 77.6 | 3.15 | 83.8 | 3.5 | 90.9 | 22000 | 0.047 |

| Cable Size | Insulation Thickness | Diameter After Bedding | Amour Wire Diameter | Diameter After Armour | Sheath Thickness | Cable Overall Diameter | Cable Weight | Max electrical resistance |
|-----------------|----------------------|------------------------|---------------------|-----------------------|------------------|------------------------|--------------|---------------------------|
| mm ² | mm | mm | mm | mm | mm | mm | kg/km | ohm/km |
| 5Gx1.5 | 0.7 | 12.5 | 0.9 | 14.2 | 1.8 | 17.9 | 530 | 12.10 |
| 5Gx2.5 | 0.7 | 13.6 | 1.25 | 16.1 | 1.8 | 19.8 | 720 | 7.41 |
| 5Gx4 | 0.7 | 15.1 | 1.25 | 17.5 | 1.8 | 21.2 | 850 | 4.61 |
| 5Gx6 | 0.7 | 16.6 | 1.25 | 19.0 | 1.8 | 22.7 | 1000 | 3.08 |
| 5Gx10 | 0.7 | 18.9 | 1.6 | 22.0 | 1.8 | 25.7 | 1400 | 1.83 |
| 5Gx16 | 0.7 | 21.8 | 1.6 | 24.9 | 1.8 | 28.6 | 1800 | 1.15 |
| 5Gx25 | 0.9 | 26.4 | 1.6 | 29.6 | 1.9 | 33.5 | 2500 | 0.727 |
| 5Gx35 | 0.9 | 29.9 | 1.6 | 33.0 | 2.0 | 37.2 | 3100 | 0.524 |
| 5Gx50 | 1.0 | 34.6 | 2.0 | 38.5 | 2.2 | 43.1 | 4300 | 0.387 |
| 5Gx70 | 1.1 | 39.9 | 2.0 | 43.9 | 2.3 | 48.6 | 5700 | 0.268 |
| 5Gx95 | 1.1 | 45.5 | 2.5 | 50.4 | 2.5 | 55.5 | 7800 | 0.193 |
| 5Gx120 | 1.2 | 50.0 | 2.5 | 54.9 | 2.7 | 60.4 | 9400 | 0.153 |
| 5Gx150 | 1.4 | 56.2 | 2.5 | 61.1 | 2.8 | 66.8 | 11000 | 0.124 |