



Cathodic Protection Cables Data Sheet

Client requirements

Typical sizes and sheathings are given below:

XLPE/PVC

| Size mm ² | Stranding mm | Nominal O/D mm | Weight kg/km |
|----------------------|--------------|----------------|--------------|
| 6 | 7/1.04 | 7.8 | 110 |
| 10 | 7/1.35 | 8.7 | 150 |
| 16 | 7/1.70 | 9.6 | 210 |
| 25 | 7/2.14 | 11.2 | 310 |
| 35 | 7/2.60 | 12.2 | 400 |
| 50 | 19/1.78 | 13.8 | 530 |
| 70 | 19/2.14 | 15.5 | 720 |
| 95 | 19/2.52 | 17.7 | 1000 |
| 120 | 37/2.03 | 19.3 | 1240 |

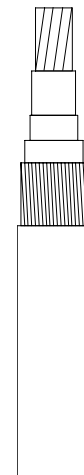
600/1000 volt grade cross linked polyethylene insulated and PVC sheathed overall to IEC 502/83



XLPE/PVC/SWA/PVC

| Size mm ² | Stranding mm | Nominal O/D mm | Weight kg/km |
|----------------------|--------------|----------------|--------------|
| 10 | 7/1.32 | 13.5 | 495 |
| 16 | 7/1.67 | 14.2 | 535 |
| 25 | 7/2.19 | 15.2 | 585 |
| 35 | 7/2.65 | 16.3 | 640 |
| 50 | 19/1.82 | 17.7 | 730 |
| 70 | 19/2.18 | 20.4 | 980 |
| 95 | 19/2.58 | 22.3 | 1270 |
| 120 | 37/2.10 | 24.0 | 1540 |

600/1000 volt grade cross linked polyethylene insulated, PVC bedding, galvanised steel wire armoured and PVC sheathed overall to IEC 502/83



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Data Sheet CABL01 Rev 01

Page No 1 of 2

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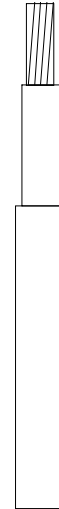
KYNAR (PVDF)/HMWPE (XLPE)

| Size mm ² | Stranding mm | Nominal O/D mm | Weight kg/km |
|----------------------|--------------|----------------|--------------|
| 6 | 7/1.04 | 7.44 | 96 |
| 10 | 7/1.35 | 8.37 | 135 |
| 16 | 7/1.70 | 9.42 | 197 |
| 25 | 19/1.35 | 11.07 | 312 |
| 35 | 19/1.53 | 12.30 | 398 |

Cable specially constructed for use in deep well groundbeds, sea water and other severe Cathodic Protection situations.

Radiation cross linked PVDF is inert to all acids and alkalis found in a groundbed environment.

The Polyolefin sheath is resistant to salt water and conforms to ASTM Spec. D-1248 Type 3, Class C, Grade 5.



EPR/CPS (ETHYLENE PROPYLENE RUBBER INSULATED, CHLOROSULPHONATED POLYETHYLENE SHEATHED)

| Size mm ² | Stranding mm | Nominal O/D mm | Weight kg/km |
|----------------------|--------------|----------------|--------------|
| 6 | 7/1.04 | 7.5 | 105 |
| 10 | 7/1.35 | 9.0 | 165 |
| 16 | 7/1.70 | 10.1 | 230 |
| 25 | 19/1.35 | 12.4 | 360 |
| 35 | 19/1.53 | 13.3 | 425 |
| 50 | 19/1.78 | 15.2 | 570 |
| 70 | 19/2.14 | 17.2 | 785 |
| 95 | 37/1.78 | 19.3 | 1060 |
| 120 | 37/2.03 | 21.4 | 1300 |

600/1000 volt grade to BS 6883/69 where applicable.
Maximum operating temperature 85°C.

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Page No 2 of 2

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