

FGT Cable - Class 2 - Non-Armoured, Copper, XLPE,PVC - 10mm - 120mm



Power distribution cable for signal operations. With Water Blocking Tape to prevent water ingress and built in fibre glass tape to make it rodent-proof.

Key Features



Voltage Rating
600/1000 Volts



Minimum Bending Radius
As Per Manufacturers Datasheet

Construction

- **Conductor:** Up to 25mm² Class 1 solid copper circular or sector shaped conductor 35mm² and above Class 2 Stranded copper sector shaped
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Sheath:** PVC (Polyvinyl Chloride)
- **Longitudinal Water Blocking:** Water blocking tape placed under and over the FGT anti rodent protection
- **Radial Water Blocking:** Al/PET (Aluminium/Polyester) Tape bonded to sheath
- **Anti Rodent Protection:** Fibre glass woven tape (FGT)
- **Sheath Colour:** Black

Standards

- Conductor to BS EN 60228 (previously BS 6360), XLPE Insulation to BS7655-1-3, BS EN 60811-1, IEC 60502-1, Network Rail Specification NR/L2/SIGELP/27408

Core Colours

2 Core: Brown Black

3 Core: Brown Black Blue

4 Core: Brown Black Grey Red

FGT Cable - Class 2 - Non-Armoured, Copper, XLPE,PVC - 10mm - 120mm - Dimensions

| Reference | Conductor Size (mm2) | No Of Cores | Overall Diameter(mm) | Weight(Kg/Km) | Rail Code |
|--------------|----------------------|-------------|----------------------|---------------|------------|
| FGT2X10WBCU | 10 | 2 | 23 | 700 | 006/186019 |
| FGT3X10WBCU | 10 | 3 | 25 | 700 | NONE |
| FGT4X10WBCU | 10 | 4 | 28.5 | 1010 | NONE |
| FGT2X16WBCU | 16 | 2 | 25 | 880 | 006/186020 |
| FGT3X16WBCU | 16 | 3 | 26.5 | 880 | NONE |
| FGT4X16WBCU | 16 | 4 | 30.5 | 1300 | NONE |
| FGT2X25WBCU | 25 | 2 | 24 | 900 | 006/186021 |
| FGT3X25WBCU | 25 | 3 | 28 | 900 | NONE |
| FGT4X25WBCU | 25 | 4 | 30.5 | 1550 | NONE |
| FGT2X35WBCU | 35 | 2 | 26 | 1160 | 006/186022 |
| FGT3X35WBCU | 35 | 3 | 30 | 1160 | NONE |
| FGT4X35WBCU | 35 | 4 | 32 | 1950 | NONE |
| FGT2X50WBCU | 50 | 2 | 28 | 1430 | 006/186023 |
| FGT3X50WBCU | 50 | 3 | 32 | 1430 | NONE |
| FGT4X50WBCU | 50 | 4 | 34.5 | 2480 | NONE |
| FGT2X70WBCU | 70 | 2 | 31 | 1920 | 006/186024 |
| FGT3X70WBCU | 70 | 3 | 35 | 1920 | NONE |
| FGT4X70WBCU | 70 | 4 | 39.5 | 3390 | NONE |
| FGT2X95WBCU | 95 | 2 | 33 | 2480 | 006/186025 |
| FGT3X95WBCU | 95 | 3 | 38 | 2480 | NONE |
| FGT4X95WBCU | 95 | 4 | 43.5 | 4460 | NONE |
| FGT2X120WBCU | 120 | 2 | 36 | 2980 | 006/186026 |
| FGT3X120WBCU | 120 | 3 | 41 | 2980 | NONE |

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