

## FGT Cable - Class 2 - Non-Armoured, Copper, XLPE, LSZH - 10mm to 120mm



Power distribution cable for signal operations. With built in fibre glass tape to make it rodent-proof. Low smoke zero halogen sheath for internal use and installations where fire, smoke emissions and toxic fumes create a potential risk to life and equipment.

### Key Features



**Voltage Rating**  
600/1000 Volts



**Minimum Bending Radius**  
As Per Manufacturers Datasheet

### Construction

- **Conductor:** Up to 25mm<sup>2</sup> copper circular or sector shaped conductor 35mm<sup>2</sup> and above Class 1 solid, Class 2 Stranded copper sector shaped
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Sheath:** Low Smoke Zero Halogen (LSZH)
- **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 BS 7655-1-3, LSZH Sheath to BS 7655-6-1, BS EN 60811-1, BS 5873, 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, LSZH - 10mm to 120mm - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)	Rail Code
FGT2X10LSFWBC U	10	2	23	700	006/186027
FGT4X10LSFWBC U	10	4	28.5	1010	NONE
FGT2X16LSFWBC U	16	2	25	880	006/186028
FGT3X16LSFWBC U	16	3	25	760	NONE
FGT4X16LSFWBC U	16	4	30.5	1300	NONE
FGT2X25LSFWBC U	25	2	24	880	006/186029
FGT3X25LSFWBC U	25	3	27	945	NONE
FGT4X25LSFWBC U	25	4	30.5	1550	NONE
FGT2X35LSFWBC U	35	2	26	1060	006/186030
FGT3X35LSFWBC U	35	3	28	1070	NONE
FGT4X35LSFWBC U	35	4	32	1950	NONE
FGT2X50LSFWBC U	50	2	28	1390	006/186031
FGT3X50LSFWBC U	50	3	29	1135	NONE
FGT4X50LSFWBC U	50	4	34.5	2480	NONE
FGT2X70LSFWBC U	70	2	31	1840	006/186032
FGT3X70LSFWBC U	70	3	30	1380	NONE
FGT4X70LSFWBC U	70	4	39.5	3390	NONE
FGT2X95LSFWBC U	95	2	33	2380	006/186033
FGT3X95LSFWBC U	95	3	33	1670	NONE
FGT4X95LSFWBC U	95	4	43.5	4460	NONE
FGT2X120LSFWBC U	120	2	36	2880	006/186034
FGT3X120LSFWBC U	120	3	36	2015	NONE
FGT4X120LSFWBC U	120	4	47	5420	NONE

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ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.

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