FGT Cable - Class 2 - Non-Armoured, Copper, XLPE,PVC - 10mm² to 120mm²



Description

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
Fixed: 12 x Overall Diameter
Flexing:15 x Overall Diameter

Temperature Limits
Temperature Range: -15°C to + 90°C
Maximum short-circuit temperature: 250°C

Core Colours

2 Core: Brown, Black

3 Core: Brown, Black, Blue

4 Core: Brown, Black, Grey, Red

Standards

- Network Rail Specification NR/L2/SIGELP/27408
- XLPE Insulation to BS7655-1-3
- BS EN/IEC 60502-1
- BS EN/IEC 60228 & BS EN/IEC 60811

Construction

- **Conductor**: Up to 25mm^2 Class 1 solid copper circular or sector shaped conductor 35mm^2 and above Class 2 Stranded copper sector shaped
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Bedding**: Polyvinyl Chloride (PVC)
- **Tape**: Property of Network Rail- Manufacturer-Year
- **Water Blocking**: Non Conductive Water Blocking Tape
- **Anti Rodent Protection**: Fibre glass woven tape (FGT)
- **Radial Water Blocking**: Aluminium/Polyester (AL/PET) tape bonded to sheath
- **Outer Sheath**: Polyvinyl Chloride (PVC)

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory
UKAS TESTING 31196

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

FGT Cable - Class 2 - Non-Armoured, Copper, XLPE,PVC - 10mm² to 120mm² - 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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