

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



## Description

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**  
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

- BS EN/IEC 60502-1
- XLPE Insulation to BS7655-1-3
- LSZH Sheath to BS 7655-6-1
- BS EN/IEC 60228 & BS EN/IEC 60811

## Construction

- **Conductor:** Up to 25mm copper circular or sector shaped conductor 35mm and above Class 1 solid, Class 2 Stranded copper sector shaped
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Bedding:** LSZH (Low smoke Zero Halogen)
- **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:** Low Smoke Zero Halogen (LSZH)

## QA Lab

### 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. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



## 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

## ecovadis

## FGT Cable - Class 2 - Non-Armoured, Copper, XLPE, LSZH - 10mm<sup>2</sup> to 120mm<sup>2</sup> - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)	Rail Code
FGT2X10LSFWBCU	10	2	23	700	006/186027
FGT4X10LSFWBCU	10	4	28.5	1010	NONE
FGT2X16LSFWBCU	16	2	25	880	006/186028
FGT3X16LSFWBCU	16	3	25	760	NONE
FGT4X16LSFWBCU	16	4	30.5	1300	NONE
FGT2X25LSFWBCU	25	2	24	880	006/186029
FGT3X25LSFWBCU	25	3	27	945	NONE
FGT4X25LSFWBCU	25	4	30.5	1550	NONE
FGT2X35LSFWBCU	35	2	26	1060	006/186030
FGT3X35LSFWBCU	35	3	28	1070	NONE
FGT4X35LSFWBCU	35	4	32	1950	NONE
FGT2X50LSFWBCU	50	2	28	1390	006/186031
FGT3X50LSFWBCU	50	3	29	1135	NONE
FGT4X50LSFWBCU	50	4	34.5	2480	NONE
FGT2X70LSFWBCU	70	2	31	1840	006/186032
FGT3X70LSFWBCU	70	3	30	1380	NONE
FGT4X70LSFWBCU	70	4	39.5	3390	NONE
FGT2X95LSFWBCU	95	2	33	2380	006/186033
FGT3X95LSFWBCU	95	3	33	1670	NONE
FGT4X95LSFWBCU	95	4	43.5	4460	NONE
FGT2X120LSFWBCU	120	2	36	2880	006/186034
FGT3X120LSFWBCU	120	3	36	2015	NONE
FGT4X120LSFWBCU	120	4	47	5420	NONE

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.