

FGT Cable - Class 2 - Non-Armoured, Aluminium, XLPE, PVC - 16mm² to 185mm²



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

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

Construction

- **Conductor:** Up to 95mm Class 1 solid aluminium circular or sector shaped conductor 120mm, Class 1 solid or Class 2 stranded Aluminium sector shaped, 150mm and above, Class 2 Stranded Aluminium 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)

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, Aluminium, XLPE, PVC - 16mm² to 185mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)	Rail Code
FGT4X16WBSAC	16	2	30	890	NONE
FGT2X16WBSAC	16	2	25.5	670	006/186035
FGT3X16LSFWBSAC	16	3	25	760	NONE
FGT2X25WBSAC	25	2	27.5	820	006/186036
FGT3X25LSFWBSAC	25	3	27	945	NONE
FGT4X25WBSAC	25	4	32.5	1090	NONE
FGT2X35WBSAC	35	2	29.5	980	006/186037
FGT3X35LSFWBSAC	35	3	28	1070	NONE
FGT4X35WBSAC	35	4	35	1310	NONE
FGT2X50WBSAC	50	2	27.5	820	006/186038
FGT3X50LSFWBSAC	50	3	29	1135	NONE
FGT4X50WBSAC	50	4	33.5	1250	NONE
FGT2X70WBSAC	70	2	29.5	1020	006/186039
FGT3X70LSFWBSAC	70	3	30	1380	NONE
FGT4X70WBSAC	70	4	38	1680	NONE
FGT2X95WBSAC	95	2	32.5	1230	006/186040
FGT3X95LSFWBSAC	95	3	33	1670	NONE
FGT4X95WBSAC	95	4	42	2090	NONE
FGT2X120WBSAC	120	2	34.5	1460	006/186041
FGT3X120LSFWBSAC	120	3	36	2015	NONE
FGT4X120WBSAC	120	4	45	2510	NONE
FGT2X150WBSAC	150	2	36	1680	NONE
FGT2X185WBSAC	185	2	39	1950	NONE

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