

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



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



Temperature Limits
Ambient Temperature: -15°C to + 90°C

Construction

- **Conductor:** Up to 95mm² Class 1 solid aluminium circular or sector shaped conductor 120mm², Available in both Class 1 solid or Class 2 stranded Aluminium sector shaped 150mm² and above, Class 2 Stranded Aluminium 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)

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

Reference	Conductor Size (mm ²)	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
FGT3X16LSFWBSA C	16	3	25	760	NONE
FGT2X25WBSAC	25	2	27.5	820	006/186036
FGT3X25LSFWBSA C	25	3	27	945	NONE
FGT4X25WBSAC	25	4	32.5	1090	NONE
FGT2X35WBSAC	35	2	29.5	980	006/186037
FGT3X35LSFWBSA C	35	3	28	1070	NONE
FGT4X35WBSAC	35	4	35	1310	NONE
FGT2X50WBSAC	50	2	27.5	820	006/186038
FGT3X50LSFWBSA C	50	3	29	1135	NONE
FGT4X50WBSAC	50	4	33.5	1250	NONE
FGT2X70WBSAC	70	2	29.5	1020	006/186039
FGT3X70LSFWBSA C	70	3	30	1380	NONE
FGT4X70WBSAC	70	4	38	1680	NONE
FGT2X95WBSAC	95	2	32.5	1230	006/186040
FGT3X95LSFWBSA C	95	3	33	1670	NONE
FGT4X95WBSAC	95	4	42	2090	NONE
FGT2X120WBSAC	120	2	34.5	1460	006/186041
FGT3X120LSFWBS AC	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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