

FGT LSZH ALUMINIUM MULTICORE CLASS 2 CABLE



APPLICATION

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.

CABLE STANDARDS

BS EN 60228
LSZH Sheath to BS 7655-6-1
BS EN 60811-1
BS8573
IEC 60502-1
Network Rail Specification NR/L2/SIGELP/27408

CONSTRUCTION

Conductor:

Up to 25mm²: Class 1 solid, aluminium circular or sector shaped conductor

35mm² and above: Class 2 Stranded Aluminium sector shaped

Insulation: Cross Linked Polyethylene (XLPE)

Anti Rodent Protection: Fibre glass woven tape (FGT)

Water Blocking: Water blocking tape placed under and over the FGT anti rodent protection

Sheath: Low smoke zero halogen (LSZH)

CHARACTERISTICS

Voltage Rating: 600/1000 Volts

Temperature Limits: -25°C to +90°C

CORE IDENTIFICATION

2 Core:  Brown  Black
3 Core:  Brown  Black  Blue
4 Core:  Brown  Black  Grey  Red

FGT LSZH ALUMINIUM CLASS 2 CABLE - DIMENSIONS

CCC CODE	NR CODE	CONDUCTOR SIZE (MM ²)	NO OF CORES	WEIGHT (KG/KM)	OVERALL MEAN DIAMETER (MM)
FGT2X16LSFWBSAC	006/186042	16	2	680	25
FGT2X25LSFWBSAC	006/186043	25	2	810	27
FGT2X35LSFWBSAC	006/186044	35	2	970	29
FGT2X50LSFWBSAC	006/186045	50	2	810	27
FGT2X70LSFWBSAC	006/186046	70	2	1010	29
FGT2X95LSFWBSAC	006/186047	95	2	1220	32
FGT2X120LSFWBSAC	006/186048	120	2	1450	34
FGT2X150LSFWBFAC	-	150	2	1680	36**
FGT2X185LSFWBFAC	-	185	2	1950	39**
FGT3X16LSFWBSAC	-	16	3	760	25
FGT3X25LSFWBSAC	-	25	3	945	27
FGT3X35LSFWBSAC	-	35	3	1070	28
FGT3X50LSFWBSAC	-	50	3	1135	29
FGT3X70LSFWBSAC	-	70	3	1380	30
FGT3X95LSFWBSAC	-	95	3	1670	33
FGT3X120LSFWBSAC	-	120	3	2015	36
FGT4X16LSFWBSAC	-	16	4	890	30
FGT4X25LSFWBSAC	-	25	4	1090	32.5
FGT4X35LSFWBSAC	-	35	4	1310	35
FGT4X50LSFWBSAC	-	50	4	1250	33.5
FGT4X70LSFWBSAC	-	70	4	1680	38
FGT4X95LSFWBSAC	-	95	4	2090	42
FGT4X120LSFWBSAC	-	120	4	2510	45

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.