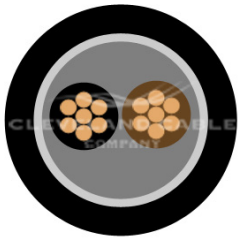


FGT COPPER LSZH MULTICORE CLASS 2 CABLE



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

Conductor to BS EN 60228 (previously BS 6360)
XLPE Insulation to BS7655-1-3
LSZH Sheath to BS 7655-6-1
BS EN 60811-1
BS 5873
Network Rail Specification NR/L2/SIGELP/27408

CONSTRUCTION

Conductor:
Up to 25mm²: Class 1 solid, copper circular or sector shaped conductor
35mm² and above: Class 2 Stranded copper 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

Moisture Barrier: Aluminium/polymer laminate tape

Sheath: Black 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 COPPER LSZH MULTICORE CLASS 2 CABLE - DIMENSIONS

| CCC CODE | NR CODE | CONDUCTOR SIZE (MM ²) | NO OF CORES | WEIGHT (KG/KM) | OVERALL DIAMETER (MM) |
|-----------------|------------|-----------------------------------|-------------|----------------|-----------------------|
| FGT2X10LSFWBCU | 006/186027 | 10 | 2 | 700 | 23 |
| FGT2X16LSFWBCU | 006/186028 | 16 | 2 | 880 | 24 |
| FGT2X25LSFWBCU | 006/186029 | 25 | 2 | 880 | 25 |
| FGT2X35LSFWBCU | 006/186030 | 35 | 2 | 1060 | 26 |
| FGT2X50LSFWBCU | 006/186031 | 50 | 2 | 1390 | 28 |
| FGT2X70LSFWBCU | 006/186032 | 70 | 2 | 1840 | 31 |
| FGT2X95LSFWBCU | 006/186033 | 95 | 2 | 2380 | 33 |
| FGT2X120LSFWBCU | 006/186034 | 120 | 2 | 2880 | 36 |
| FGT3X10WBCU | - | 10 | 3 | 720 | 23 |
| FGT3X16WBCU | - | 16 | 3 | 935 | 26 |
| FGT3X25WBCU | - | 25 | 3 | 1240 | 28 |
| FGT3X35WBCU | - | 35 | 3 | 1500 | 29 |
| FGT3X50WBCU | - | 50 | 3 | 1885 | 31 |
| FGT3X70WBCU | - | 70 | 3 | 2610 | 33 |
| FGT3X95WBCU | - | 95 | 3 | 3390 | 36 |
| FGT3X120WBCU | - | 120 | 3 | 4115 | 39 |
| FGT4X10LSFWBCU | - | 10 | 4 | 815 | 26 |
| FGT4X16LSFWBCU | - | 16 | 4 | 1160 | 28 |
| FGT4X25LSFWBCU | - | 25 | 4 | 1555 | 31 |
| FGT4X35LSFWBCU | - | 35 | 4 | 1990 | 35 |
| FGT4X50LSFWBCU | - | 50 | 4 | 2420 | 37.5 |
| FGT4X70LSFWBCU | - | 70 | 4 | 3360 | 42 |
| FGT4X95LSFWBCU | - | 95 | 4 | 4395 | 47 |
| FGT4X120LSFWBCU | - | 120 | 4 | 5460 | 50 |

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.