

FGT PVC ALUMINIUM MULTICORE CLASS 2 CABLE



APPLICATION

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.

CABLE 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

CONSTRUCTION

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

Moisture Barrier: Aluminium/polymer laminate tape

Sheath: Poly Vinyl Chloride (PVC)

CHARACTERISTICS

Voltage Rating: 600/1000 Volts

Temperature Limits: -15°C to +90°C

CORE IDENTIFICATION

2 Core:  Brown  Black

3 Core:  Brown  Black  Blue

4 Core:  Brown  Black  Grey  Red

Sheath:  Black

FGT PVC ALUMINIUM CLASS 2 CABLE - DIMENSIONS

| CCC CODE | NR CODE | CONDUCTOR SIZE (MM ²) | NO OF CORES | WEIGHT (KG/KM) | OVERALL MEAN DIAMETER (MM) |
|---------------|------------|-----------------------------------|-------------|----------------|----------------------------|
| FGT2X16WBSAC | 006/186035 | 16 | 2 | 670 | 25.5 |
| FGT2X25WBSAC | 006/186036 | 25 | 2 | 820 | 26 |
| FGT2X35WBSAC | 006/186037 | 35 | 2 | 980 | 27.5 |
| FGT2X50WBSAC | 006/186038 | 50 | 2 | 820 | 29.5 |
| FGT2X70WBSAC | 006/186039 | 70 | 2 | 1020 | 32 |
| FGT2X95WBSAC | 006/186040 | 95 | 2 | 1230 | 34 |
| FGT2X120WBSAC | 006/186041 | 120 | 2 | 1460 | 35 |
| FGT2X150WBFAC | - | 150 | 2 | 1680 | 36 |
| FGT2X185WBFAC | - | 185 | 2 | 1950 | 39 |
| FGT3X10WBCU | - | 10 | 3 | 700 | 25 |
| FGT3X16WBCU | - | 16 | 3 | 880 | 26.5 |
| FGT3X25WBCU | - | 25 | 3 | 900 | 28 |
| FGT3X35WBCU | - | 35 | 3 | 1160 | 30 |
| FGT3X50WBCU | - | 50 | 3 | 1430 | 32 |
| FGT3X70WBCU | - | 70 | 3 | 1920 | 35 |
| FGT3X95WBCU | - | 95 | 3 | 2480 | 38 |
| FGT3X120WBCU | - | 120 | 3 | 2980 | 41 |
| FGT4X16WBSAC | - | 16 | 4 | 860 | 28 |
| FGT4X25WBSAC | - | 25 | 4 | 1090 | 32 |
| FGT4X35WBSAC | - | 35 | 4 | 1210 | 33 |
| FGT4X50WBSAC | - | 50 | 4 | 1350 | 35 |
| FGT4X70WBSAC | - | 70 | 4 | 1680 | 38 |
| FGT4X95WBSAC | - | 95 | 4 | 2090 | 42 |
| FGT4X120WBSAC | - | 120 | 4 | 2510 | 45 |

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