



Caledonian

Airport Flame Retardant And Fire Resistant Cables

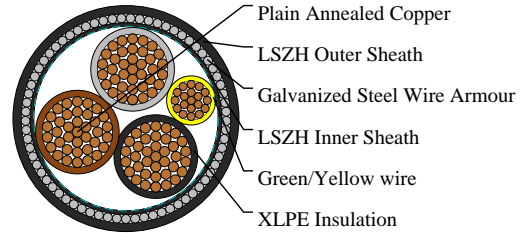
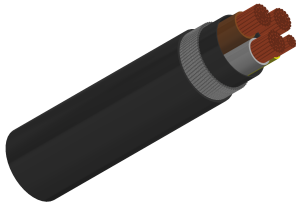
www.caledonian-cables.com

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600/1000V XLPE Insulated, LSZH Sheathed, Armoured Power Cables (3+1 Cores)

FTX400 1RZ1MZ1-R 3G120/35 (CU/XLPE/LSZH/SWA/LSZH 600/1000V Class 2)

Indoor Feeder Cables (from MDB to SDB, SDB to TDB) & UPS Feeder Cables



APPLICATIONS

This cables are mainly used in power stations, mass transit underground passenger systems, airports, petrochemical plants, hotels, hospitals, and high-rise buildings.

STANDARDS

Basic design to BS 6724

FIRE PERFORMANCE

| | |
|---|--|
| Flame Retardance (Single Vertical Wire Test) | EN 60332-1-2; IEC 60332-1-2; BS EN 60332-1-2; VDE 0482-332-1 ; NBN C 30-004 (cat. F1); NF C32-070-2.1(C2); CEI 20-35/1-2; EN 50265-2-1*; DIN VDE 0482-265-2-1* |
| Reduced Fire Propagation (Vertically-mounted bundled wires& cable test) | EN 60332-3-24 (cat. C); IEC 60332-3-24; BS EN 60332-3-24; VDE 0482-332-3; NBN C 30-004 (cat. F2); NF C32-070-2.2(C1); CEI 20-22/3-4; EN 50266-2-4*; DIN VDE 0482-266-2-4 |
| Halogen Free | IEC 60754-1; EN 50267-2-1; DIN VDE 0482-267-2-1; CEI 20-37/2-1 ; BS 6425-1* |
| No Corrosive Gas Emission | IEC 60754-2; EN 50267-2-2; DIN VDE 0482-267-2-2; CEI 20-37/2-2 ; BS 6425-2* |
| Minimum Smoke Emission | IEC 61034-1&2; EN 61034 -1&2; DIN VDE 0482-1034-1&2; CEI 20-37/3-1&2; EN 50268-1&2*; BS 7622-1&2* |
| No Toxic Gases | NES 02-713; NF C 20-454 |

VOLTAGE RATING

600/1000V

CABLE CONSTRUCTION

Conductor: Plain annealed copper wire, stranded according to IEC 60228 class 2

Insulation: Extruded cross-linked XLPE compound



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| | | | | | | | |
|-----|------|-------------------------|-------------------------|------|------|------|------|
| 120 | 0.39 | r:0.4 x:0.145 z:0.42 | r:0.34 x:0.13 z:0.37 | 0.42 | 0.42 | 0.36 | 0.36 |
|-----|------|-------------------------|-------------------------|------|------|------|------|



Rated voltage



BS 6724



Flame Retardant
NF C32-070-2, IEC2
IEC60332-1-2, EN50265-2-1



Halogen Free
IEC 60754-1



Low Corrosivity
IEC60754-2, EN50267-2-2/3
NF C32-074, NF C20-453



Low Smoke Emission
IEC 61034-2 / EN 50268-2
NF C32-073, NF C 20-962



Low Toxicity
NES 02-713, NF C 20-454



Reduced Fire Propagation
NF C32-070-2, 2(C1)
IEC60332-3-24, EN50266-2-4