



# Caledonian

Airport Flame Retardant And Fire Resistant Cables

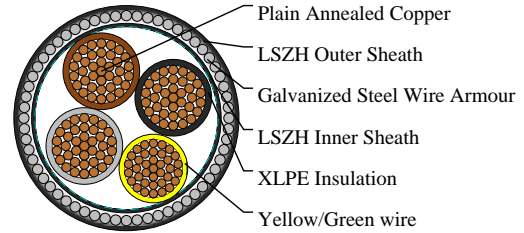
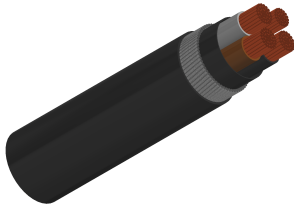
www.caledonian-cables.com

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

FTX400 1RZ1MZ1-R 3G185/120 (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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|     |      |                          |                          |      |      |      |      |
|-----|------|--------------------------|--------------------------|------|------|------|------|
| 185 | 0.25 | r:0.26 x:0.145<br>z:0.29 | r:0.22 x:0.125<br>z:0.26 | 0.29 | 0.29 | 0.25 | 0.25 |
|-----|------|--------------------------|--------------------------|------|------|------|------|



Rated voltage



BS 6724



Flame Retardant  
NF C32-070-2.1(C2)  
IEC60332-1-3/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