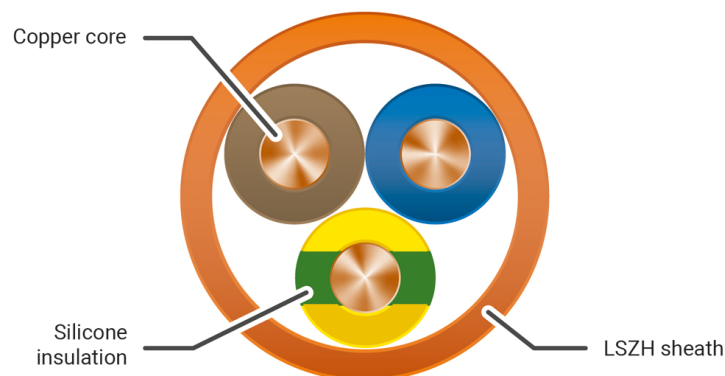


CRCA51600

Fire-resistant copper power cable CR1/C1 5G16 - 1000m drum, grey

DESCRIPTION

This CRCA series CR1/C1 fire-resistant copper power cable is designed for supplying safety circuits that must remain operational during an incident (emergency lighting, elevators, smoke extraction...). This cable is flame-retardant (C1 and LSZH) and fire-resistant (CR1/C1).



ADVANTAGES

- Ideal cable for sensitive sites due to its fire behavior:
- Flame retardant Category C1 and LSZH
- Fire-resistant cables Category CR1/C1

AXCITY
/ ADALTRA

CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	CRCA
Construction (mm ²)	5 G 16 mm ²
Conductor material	Bare copper
Conductor cross-section	16 mm ²
Core composition	< 4mm ² : solid conductor IEC 60228 class 1 ≥ 6mm ² : flexible stranded conductor IEC 60228 class 2
Insulation Material	Silicon Elastomer
Insulation Identification Method	HD 308 S2
Assembly type	Multi conductors
Outer Sheath Material	LSZH
Color	Orange
Nom. diameter of the outer sheath (mm)	22.8
Weight (Kg/Km)	1110

ELECTRICAL CHARACTERISTICS

Service Voltage (V)	300 V / 500 V
Test voltage (V)	1.5 kV
Linear electrical resistance (Ω/Km)	conform to IEC 60228 class 1/2

MECHANICAL CHARACTERISTICS

Bending Radius in Fixed Installation	10 x Ø ext
Bending Radius in Mobile Installation	20 x Ø ext

ENVIRONMENTAL CHARACTERISTIC

Independent lab certification	Yes
Fire behaviour	IEC 60332-1, NF C32-310, NF C32-070, Cat CR1/C1, NF EN 50267-2-1 & 2, NF EN 50268-2
UV Resistance	NO
Fixed Use Temperature	-30°C / +70°C
Mobile Use Temperature	-5°C / +70°C
Halogen-free Standard	IEC 60754-1/-2 IEC 61034-2

ADDITIONAL INFORMATION

Product Packaging	Drum of 1000m
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