



Product Code: 9216

Electronic Cable, 2 Conductor, 16 AWG, Bare Copper, PVC Jacket FPLR-RED

Product Description

Electronic, Control & Instrumentation, 2 Conductor 16 AWG, solid bare copper, PVC Insulation, Al Shield, Red PVC Jacket, FLPR

TECHNICAL SPECIFICATION

Suitable Application Multi Conductor Fire Alarm, Audio, Control & instrumentation, Indoor Cable.

Conductor

Element	Conductor(s)
No. of Element	2 Twisted
Size	16
Stranding	Solid
Material	Bare Copper

Insulation

Material	PVC - Polyvynyl Chloride
Nominal Thickness (mm)	0.41
Nominal Diameter (mm)	2.0 ± 0.15
Color Code	Black, Red

Outer Shield

Shield Type	Tape
Material	Al-PET
Coverage	>=115 %
Drain Wire Type	22 AWG Tinne Copper

Outer Jacket

Material	PVC-Polyvinyl Chloride
Nominal Thickness (mm)	0.8
Nominal Diameter (mm)	6.1 ± 0.2

ELECTRICAL CHARACTERISTICS

Electrical

Element	Conductor(s)
Max Conductor DCR	<13.8/km
20° C Insolation Resistance Ω/km	>200
Voltage	300 V

MECHANICAL CHARACTERISTICS

Operational Temperature	-40 °C to + 105 °C
Bend Radius Min (mm)	91.0
Max Pull Tension	36 kg
Bulk Cable Weight	15.4 kg/ 305 m

STANDARDS & COMPLIANCE

Reaction in Fire: UL 1666 Riser, IEC 60332-1-2

UL Compliance: CMR

UL Number E535337

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