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Product Code C4214F - HFFR

Two Core Cable with Screen, use in Fire Detection and Alarm System, HFFR

Product Description

Two Core screened, 14 AWG Bare Copper, Halogen Fire Flame Retardancy, LSNH-HFFR

TECHNICAL SPECIFICATION

Suitable Application For Fire Detection and Alarm System

Conductor

Element	Conductor(s)
No. of Element	2 core
Size	14 AWG
Material	Bare Copper

Insulation

Material	HFFR-Halogen Free Flame Retardancy
Nominal Thickness (mm)	0.6
Nominal Diameter (mm)	2.83±0.1x2C
Color Code	Black, Red

Screen

Foil/ Screen Material	Aluminum/Polyester
Nominal Thickness (mm)	1.0
Coverage	>=115%
Nominal Diameter Drain Wire (mm)	0.75
Drain Wire	Tinned Copper

Jacket-HFFR

Nominal Diameter	7.8±0.2
Color	Red

ELECTRICAL CHARACTERISTICS

Electrical

Max DC Resistance Con at 20°C(Ω/km)	9.36
Max DC Resistance Screen at 20°C(Ω/km)	52.7
Max Recommended at 25°C(Amps)	11 Amps
Max Operating Voltage (Vrms)	300
20°C Ins Resistance (MΩkm)	>200

MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-40 to +90
Min Bend Radius (mm)	78
Max Pull Tension	55 kg
Bulk Cable Weight	Approx. 88 Kg/km

STANDARDS & COMPLIANCE

Flammability/Reaction to Fire: IEC 60332-3-24

Smoke Density: IEC 61034

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