



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, Low Smoke Non-Halogen -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)	0.60
Nominal Diameter (mm)	2.83±0.10x2c
Color Code	Black, Red

Screen

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

Jacket - HFFR

Nominal Diameter (mm)	7.80±0.20
Color	Red

ELECTRICAL CHARACTERISTICS

Electrical

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

MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-40°C to +90°C
Bend Radius (mm)	78.0
Max Pull Tension	55 kg
Bulk Cable Weight	Approx. 88 kg/km

STANDARDS & COMPLIANCE

Flammability to Fire: IEC 30332-3-24

Smoke Density: IEC 61034

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