



Complete Solutions designed to help connect your world for a smarter, Suitable future



Product Code **C4216F - HFFR**

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

Product Description

Two Core screened, 16 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	16 AWG
Material	Bare Copper

Insulation

Material	HFFR-Halogen Free Flame Retardancy
Nominal Thickness (mm)	0.4
Nominal Diameter (mm)	2.10±0.1x2C
Color Code	Black, Red

Screen

Foil/ Screen Material	Aluminum/Polyester
Nominal Thickness (mm)	0.9
Coverage	>=115%
Nominal Diameter Drain Wire (mm)	0.75
Drain Wire	Tinned Copper

Jacket-HFFR

Nominal Diameter	6.1±0.2
Color	Red

ELECTRICAL CHARACTERISTICS

Electrical

Max DC Resistance Con at 20°C(Ω/km)	15.47
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)	61.0
Max Pull Tension	34.5 kg
Bulk Cable Weight	Approx. 59 Kg/km

STANDARDS & COMPLIANCE

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

Smoke Density: IEC 61034

Disclaimer

@2023 CHH Conex all rights reserved

All Rights Reserved. Although CHH make every reasonable effort to ensure their accuracy all the time of this publication information and specification prescribed herein are subject to error or omission to changes without notice and all listing or such information and specifications does not ensure product availability.



C967