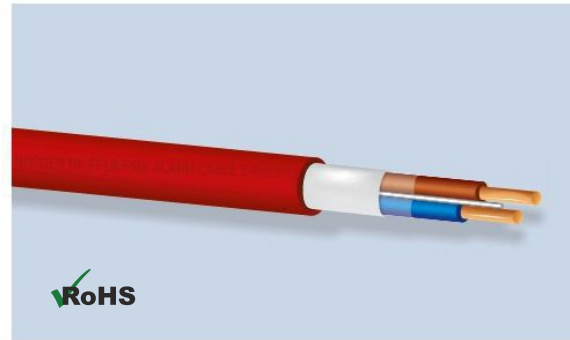


FPLR SHIELDED FIRE ALARM CABLE E- SERIES,LSHF

Norden FPLR shielded fire alarm E-series cable is suitable to be use in a vertical runs in signaling & fire alarm system. It works in high temperature levels. This cable is constructed with LSHF insulation and outer jacket with aluminum foil shielding that meets UL 1666 specifications. This cable complies with VW - 1 Flame Test requirements in ANSI/UL 1581,Tested as per ANSI/UL 1666 for flame propagation height of electrical and optical- Fibre Cables Installed Vertically in Shafts.



Standard

ANSI / UL 1424, Cables for Power - Limited Fire - Alarm Circuits

CABLE CONSTRUCTION

Conductor

Solid Bare Copper

Shielding

Al-Foil

Outer Jacket

LSHF

Jacket Colour

Red

Insulation

LSHF

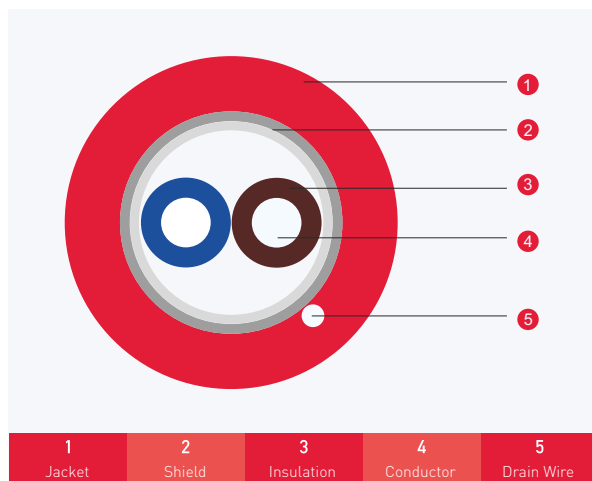
Drain Wire

1/0.8 AL

Insulation Colour

Blue&Brown

SECTION VIEW



FPLR SHIELDED FIRE ALARM CABLE E- SERIES,LSHF



ELECTRICAL & ENVIRONMENTAL CHARACTERISTICS

Properties	Value	
	14AWG	16AWG
Max. Conductor Resistant @ 20°C	8.45 Ω/km	13.5 Ω/km
Min. Insulation Resistance @15.6°C	100Ω/kft	
Operating Voltage	300/500 V	
Breakdown Test	2500V	
Temperature Range	-35°C to +90°C	

PHYSICAL CHARACTERISTICS

No. of Cores x Conductor Size	Conductor diameter mm (± 0.005)	Insulation diameter mm (± 0.1)	Jacket Thickness mm (± 0.01)	Jacket diameter, mm (± 0.3)
2C x 14 AWG	1.63	2.7	0.58	6.8
2C x 16 AWG	1.29	2.2	0.58	5.8
3C x 14 AWG	1.63	2.7	0.60	7.1
3C x 16 AWG	1.29	2.2	0.63	6.2

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
FE-1502X	2Core x 16 AWG FPLR Shielded Fire Alarm Cable E-Series,LSHF
FE-2502X	2Core x 14 AWG FPLR Shielded Fire Alarm Cable E-Series,LSHF
FE-1503X	3Core x 16 AWG FPLR Shielded Fire Alarm Cable E-Series,LSHF
FE-2503X:	3Core x 14 AWG FPLR Shielded Fire Alarm Cable E-Series,LSHF

X (Colour code) → RD: Red

Y (Packing length) → 1:100mtr, 2: 500mtr

