FPLR SHIELDED FIRE ALARM CABLE E- SERIES

≣ FIRENOR

The UL listed FPLR shielded fire alarm E-series cable from Norden 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 FR-PVC 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.
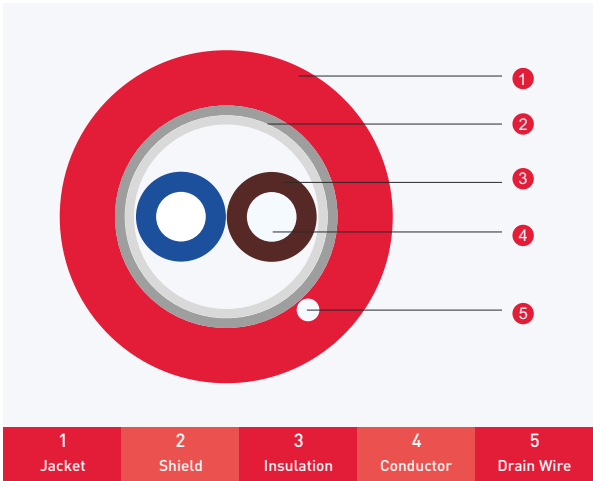
UL File No: E465991

Standard

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

CABLE CONSTRUCTION

Conductor Solid Bare Copper	**Shielding** Al-Foil	**Outer Jacket** FR - PVC	**Jacket Colour** Red
Insulation FR - PVC	**Drain Wire** 1/0.8 AL	**Insulation Colour** Blue&Brown	

SECTION VIEW

1	2	3	4	5
Jacket	Shield	Insulation	Conductor	Drain Wire

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≡ **FIRE**NOR

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 +105°C	

PHYSICAL CHARACTERISTICS

No. of Cores x Conductor Size	Conductor diameter mm (±0.005)	Insulation diameter mm (±0.1)	Jacket Thicknes 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

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
5E-1502XY	2Core x 16 AWG FPLR Shielded Fire Alarm Cable E-Series
5E-2502XY	2Core x 14 AWG FPLR Shielded Fire Alarm Cable E-Series

X (Colour code) → RD: Red
Y (Packing length) → 1:100mtr, 2: 500mtr