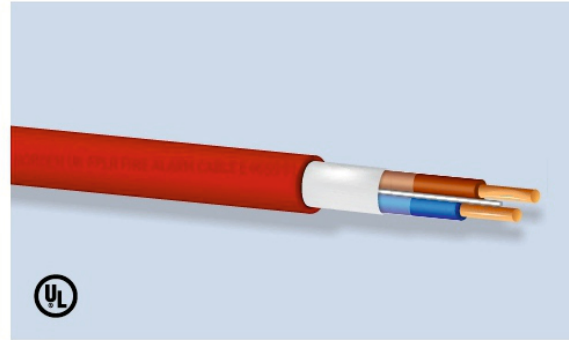


FIRENOR FPLR TYPE-POWER LIMITED FIRE ALARM CABLE



The UL listed FPLR type shielded power limited fire alarm riser 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 and PE tape 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

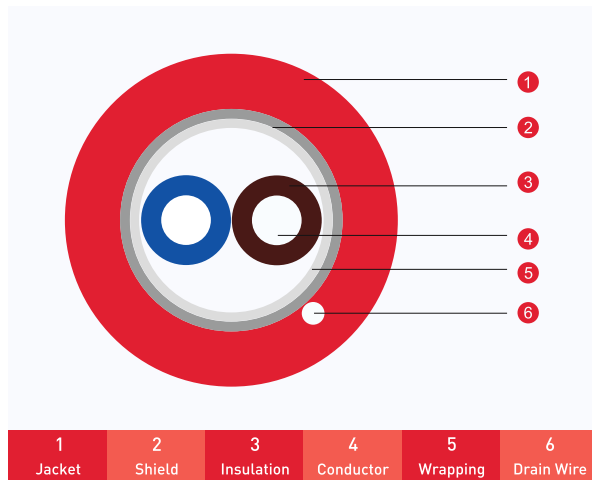
Standard

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

CABLE CONSTRUCTION

Conductor Solid Bare Copper	Outer Jacket FR - PVC	Wrapping Polyester Film	Operating Voltage 300/500 V
Insulation FR - PVC	Jacket Colour Red	Drain Wire 0.38 mm Solid TC	Temperature Range -35°C to +105°C
Shielding Al-Polyester Tape	Jacket Thickness 0.85 mm (1.0/1.5/2.5 Sq.mm Conductor) 0.95 mm (4.0 Sq.mm Conductor)		

SECTION VIEW



FIRENOR FPLR TYPE-POWER LIMITED FIRE ALARM CABLE



INSULATION COLOUR CODE

Core	Colour
2 Core	Blue/Brown
3 Core	Blue/Brown/Black
4 Core	Blue/Brown/Black/Grey
5 Core	Blue/Brwon/Black/Grey/Red
6 Core	Black/Red/White/Green/Blue/Yellow
7 Core	Black/Red/White/Green/Blue/Yellow/Orange

PHYSICAL & ELECTRICAL CHARACTERISTICS

No. of Cores/Cross-Section (mm ²)	Max. Conductor Resistant @ 20°C(Ω/km)	Conductor diameter, (mm)±0.005	Insulation diameter (mm)±0.05	Jacket diameter, (mm) ±0.1
2 x 1.0	18.1	1.12	1.95	5.8
2 x 1.5	12.1	1.29	2.35	6.6
2 x 2.5	7.4	1.76	2.75	7.4
2 x 3.5	5.22	2.11	3.21	8.1
2 x 4.0	4.61	2.25	3.35	8.6
2 x 6.0	3.08	2.76	3.86	9.7
3 x 1.0	18.1	1.12	1.95	6.1
3 x 1.5	12.1	1.36	2.35	7.0
3 x 2.5	7.4	1.76	2.75	8.1
3 x 4.0	4.61	2.25	3.35	9.0
4 x 1.0	18.1	1.12	1.95	7.0
4 x 1.5	12.1	1.36	2.35	7.6
4 x 2.5	7.4	1.76	2.75	9.1
4 x 4.0	4.61	2.25	3.35	10.5
5 x 1.5	12.1	1.36	2.35	8.7
6 x 2.5	7.5	1.76	2.75	10.5
7 x 1.5	12.1	1.36	2.35	9.9

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
52-1002XY	FireNor FPLR Cable 2C x 1.0 mm ²
52-1502XY	FireNor FPLR Cable 2C x 1.5 mm ²
52-2502XY	FireNor FPLR Cable 2C x 2.5 mm ²
52-3502XY	FireNor FPLR Cable 2C x 3.5 mm ²
52-4002XY	FireNor FPLR Cable 2C x 4 mm ²
52-6002XY	FireNor FPLR Cable 2C x 6 mm ²
52-1003XY	FireNor FPLR Cable 3C x 1.0 mm ²
52-1503XY	FireNor FPLR Cable 3C x 1.5 mm ²
52-2503XY	FireNor FPLR Cable 3C x 2.5 mm ²
52-4003XY	FireNor FPLR Cable 3C x 4.0 mm ²
52-1004XY	FireNor FPLR Cable 4C x 1.0 mm ²
52-1504XY	FireNor FPLR Cable 4C x 1.5 mm ²
52-2504XY	FireNor FPLR Cable 4C x 2.5 mm ²
52-4004XY	FireNor FPLR Cable 4C x 4.0 mm ²
52-1505XY	FireNor FPLR Cable 5C x 1.5 mm ²
52-2506XY	FireNor FPLR Cable 6C x 2.5 mm ²
52-1507XY	FireNor FPLR Cable 7C x 1.5 mm ²

X (Colour code) → RD: Red

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

www.nordencommunication.com

