

# 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

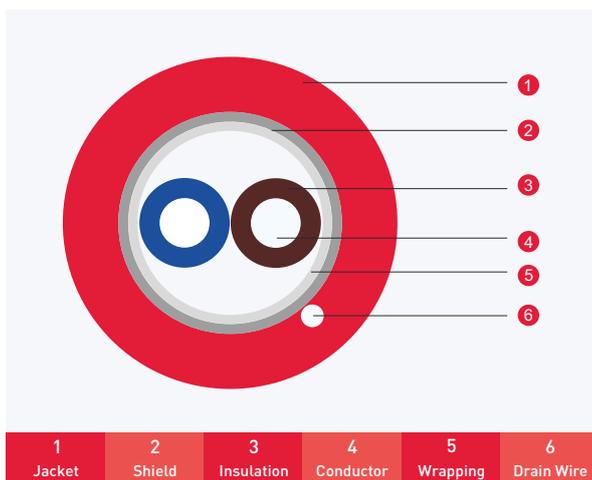
## Standard

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

## CABLE CONSTRUCTION

<b>Conductor</b> Solid Bare Copper	<b>Outer Jacket</b> FR - PVC	<b>Wrapping</b> Polyester Film	<b>Operating Voltage</b> 300/500 V
<b>Insulation</b> FR - PVC	<b>Jacket Colour</b> Red	<b>Drain Wire</b> 1/0.8 AL	<b>Temperature Range</b> -35°C to +105°C
<b>Insulation Colour</b> 2 Core: Brown/Blue	<b>Shielding</b> Al-Polyester Tape	<b>Jacket Thickness</b> 0.85 mm (1.0/1.5/2.5 Sq.mm Conductor) 0.95 mm (4.0 Sq.mm Conductor)	

## SECTION VIEW



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## PHYSICAL CHARACTERISTICS

No. of Cores/Cross-Section (mm <sup>2</sup> )	Conductor diameter, mm (±0.005)	Insulation diameter mm (±0.05)	Jacket diameter, mm (±0.1)
2 x 1.0	1.12	1.95	5.8
2 x 1.5	1.29	2.35	6.6
2 x 2.5	1.76	2.75	7.4
2 x 3.5	2.11	3.21	8.1
3 x 1.0	1.12	1.95	6.1
3 x 1.5	1.36	2.35	7.0
3 x 2.5	1.76	2.75	8.1
4 x 1.0	1.12	1.95	7.0
4 x 1.5	1.36	2.35	7.6
4 x 2.5	1.76	2.75	9.1
4 x 4.0	2.25	3.35	10.5
5 x 1.5	1.36	2.35	8.7
7 x 1.5	1.36	2.35	9.9

## ORDERING INFORMATION

PART NUMBER	DESCRIPTION	LENGTH
52-1002X	FireNor FPLR Cable 2C x 1.0 mm <sup>2</sup>	100/500 mtr
52-1502X	FireNor FPLR Cable 2C x 1.5 mm <sup>2</sup>	100/500 mtr
52-2502X	FireNor FPLR Cable 2C x 2.5 mm <sup>2</sup>	100/500 mtr
52-3502X	FireNor FPLR Cable 2C x 3.5 mm <sup>2</sup>	100/500 mtr
52-1003X	FireNor FPLR Cable 3C x 1.0 mm <sup>2</sup>	100/500 mtr
52-1503X	FireNor FPLR Cable 3C x 1.5 mm <sup>2</sup>	100/500 mtr
52-2503X	FireNor FPLR Cable 3C x 2.5 mm <sup>2</sup>	100/500 mtr
52-1004X	FireNor FPLR Cable 4C x 1.0 mm <sup>2</sup>	100/500 mtr
52-1504X	FireNor FPLR Cable 4C x 1.5 mm <sup>2</sup>	100/500 mtr
52-2504X	FireNor FPLR Cable 4C x 2.5 mm <sup>2</sup>	100/500 mtr
52-4004X	FireNor FPLR Cable 4C x 4.0 mm <sup>2</sup>	100/500 mtr
52-1505X	FireNor FPLR Cable 5C x 1.5 mm <sup>2</sup>	100/500 mtr
52-1507X	FireNor FPLR Cable 7C x 1.5 mm <sup>2</sup>	100/500 mtr