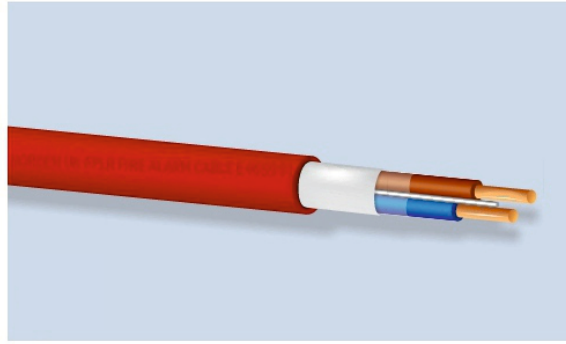


## FPLR SHIELDED FIRE ALARM CABLE

The FPLR type shielded power limited fire alarm riser cable from Norden is suitable to be used in vertical runs in signaling & fire alarm systems. It works in high temperature levels. This cable is constructed with LSHF insulation and outer jacket with aluminum and PE tapeshielding that meets UL 1666 specifications. This cable complies with VW - 1 Flame Test requirements in ANSI/UL1581. Tested as per ANSI/UL 1666 for flame propagation height of electrical and optical - Fibre Cables Installed Vertically in Shafts.



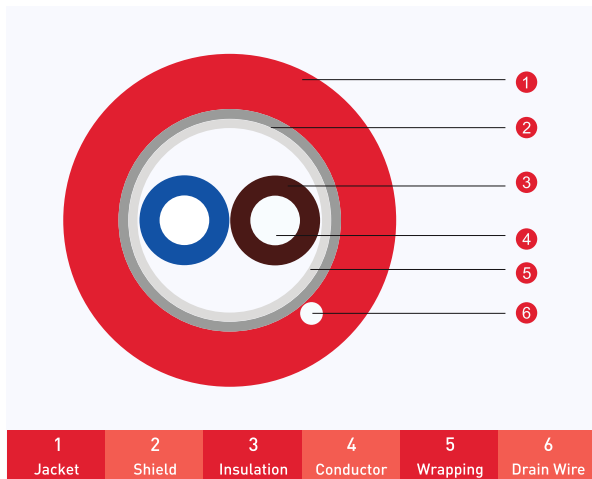
### Standard

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

### CABLE CONSTRUCTION

<b>Conductor</b> Solid Bare Copper	<b>Outer Jacket</b> LSHF	<b>Wrapping</b> Polyester Film	<b>Operating Voltage</b> 300/500 V
<b>Insulation</b> LSZH	<b>Jacket Colour</b> Red	<b>Drain Wire</b> 0.38 mm Solid TC	<b>Temperature Range</b> -35°C to +90°C
<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



## FPLR SHIELDED FIRE ALARM CABLE INSULATION COLOUR CODE

Core	Colour
2 Core	Blue/Brown
3 Core	Blue/Brown/Black

## PHYSICAL & ELECTRICAL CHARACTERISTICS

No. of Cores/Cross-Section (mm <sup>2</sup> )	Max. Conductor Resistant @ 20°C(Ω/km)	Conductor diameter, (mm)±0.005	Insulation diameter (mm)±0.05	Jacket diameter, (mm)±0.3
2 x 1.5	12.1	1.29	2.35	6.6
2 x 2.5	7.4	1.76	2.75	7.4
3 x 1.5	12.1	1.36	2.35	7.0
3 x 2.5	7.4	1.76	2.75	8.1

## ORDERING INFORMATION

PART NUMBER	DESCRIPTION
F2-1502X	FPLR Shielded Fire Alarm Cable 2C x 1.5 mm <sup>2</sup> ,LSHF
F2-2502X	FPLR Shielded Fire Alarm Cable 2C x 2.5 mm <sup>2</sup> ,LSHF
F2-1503X	FPLR Shielded Fire Alarm Cable 3C x 1.5 mm <sup>2</sup> ,LSHF
F2-2503X	FPLR Shielded Fire Alarm Cable 3C x 2.5 mm <sup>2</sup> ,LSHF

X (Colour code) → RD: Red

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