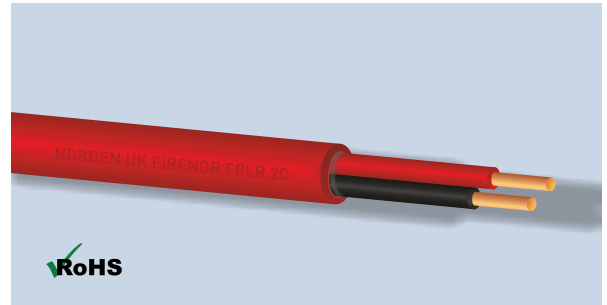


# 2C 16AWG POWER LIMITED FIRE PROTECTIVE UNSHIELDED SIGNAL CABLE FPLR



The unshielded power limited fire protective cable from NORDEN is suitable to be used for fire limited fire protective, control and instrumentation purposes. The cable is constructed with FPL insulation and FPLR outer jacket.



## CABLE CONSTRUCTION

### Conductor

Solid Bare Copper

### Outer Jacket

FPLR - PVC

### Insulation

Fire Power Limited (FPL)

### Jacket Colour

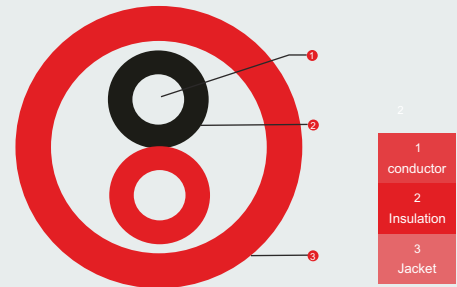
Red

### Insulation Colour

2 Core: Red/Black

### Standard Packing Mode

305 mtr / Plywood Reel



## PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	2
Conductor Size	16AWG 1.29 mm
Insulation Diameter	2.10 mm
Jacket Thickness	0.90 mm
Jacket Diameter	5.8 mm
Min. Bending Radius (Install)	8XD
Operating Temperature	'-40°C to +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Value	Unit
Nom Conductor DCR	Ω/km	13.5
Dielectric Strength between Pairs	KV/min	DC 1.5
Max. Operating Voltage UL	V/min	300

## MECHANICAL CHARACTERISTICS

Test Material	FPLR
Before Tensile Strength (Mpa)	≥13.8
Aging Elongation (%)	≥100
After Tensile Strength (Mpa)	≥85
Aging Elongation (%)	≥100
Cold Bend (-20±°C x 4 hrs)	No Crack

## ORDERING INFORMATION

Part Number	Description
75-810216A	2 CORE 16AWG Fire Protective Signal Unshielded Cable FPLR