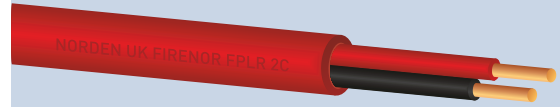


# 2C 18 AWG POWER LIMITED FIRE PROTECTIVE UNSHIELDED SIGNAL CABLE FPLR



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-PVC insulation and FPLR & CMR rated outer jacket.



## CABLE CONSTRUCTION

### Conductor

Solid Bare Copper

### Outer Jacket

PVC (FPLR & CMR)

### Insulation

PVC (FPL)

### Jacket Colour

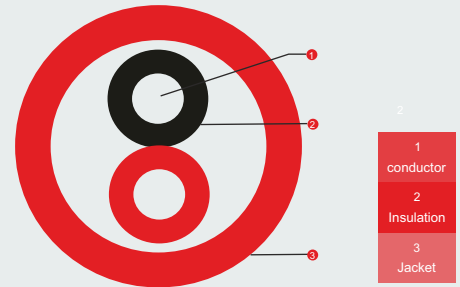
Red

### Insulation Colour

2 Core: Red/Black

### Standard Packing Mode

305 mtr / Plywood Reel



## PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	2
Conductor Size	18 AWG
Jacket Thickness	0.45 mm
Jacket Diameter	5.8 mm
Min. Bending Radius (Install)	8XD
Operating Temperature	-20°C to +75°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Value	Unit
Nom Conductor DCR @ 20°C	Ω/km	20.7
Nom. Inductance	μH/m	0.55
Nom. Capacitance Cond. to Cond.	pF/m	72.3
Max. Recommended Current @ 25°C	Amps	8.2
Max. Operating Voltage	V rms	300

## MECHANICAL CHARACTERISTICS

Test Material	PVC
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	Weight (Kg)
75-810218E	2 CORE 18 AWG Power Limited Fire Protective Unshielded Signal Cable FPLR, 305m	11.7