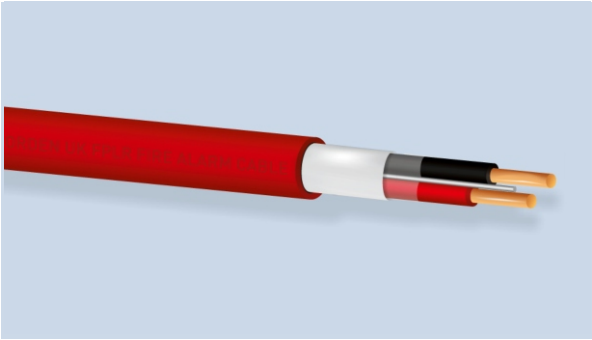


2 CORE 16 AWG SHIELDED POWER LIMITED FIRE PROTECTIVE SIGNAL CABLE



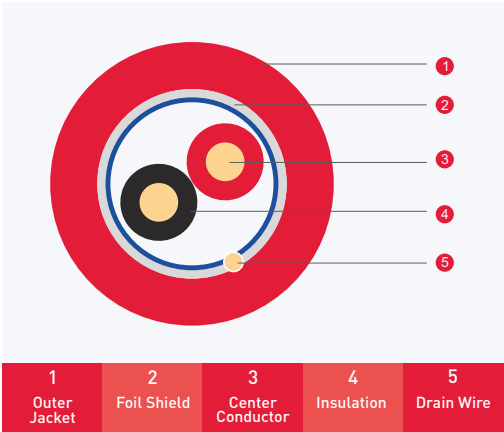
The shielded power limited fire protective signal cable from Norden is suitable to use for installation in signaling & fire alarm system. It works in high temperature level. This cable is constructed with PVC Insulation, 100 % Aluminium Foil – Polyester Tape Shield with PVC fire protective outer jacket.



CABLE CONSTRUCTION

Conductor Solid Bare Copper	Outer Jacket PVC (UL 1666 Riser)	Shielding Aluminium Foil - Polyester Tape
Insulation HD PE	Jacket Colour Red	Foil Coverage 100%
Insulation Colour 2 Core: Red/Black	Standard Packing Mode 305 mtr / Plywood Reel	Drain Wire Tinned Copper

SECTION VIEW



PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	2
Conductor Size	16AWG
Insulation Diameter	1.65 mm
Drain Wire Size	0.5 mm Solid
Jacket Thickness	0.45 mm
Jacket Diameter	4.00 mm
Max. Recommended Pulling Tension	160 N
Min. Bending Radius Minor Axis	40.0 mm
Operating Temperature	-20°C to +75°C

2 CORE 16 AWG SHIELDED POWER LIMITED FIRE PROTECTIVE SIGNAL CABLE



ELECTRICAL CHARACTERISTICS

Characteristic	Value	Unit
Nom. Conductor DCR	Ω/km	13.5
Dielectric Strength between Pairs	KV/5min	1.5
Max. Operating Voltage UL	V/min	300

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC
Before Tensile Strength (Mpa)	≥ 13.8
Aging Elongation (%)	≥ 100
After Tensile Strength (Mpa)	≥ 85
Aging Elongation (% of unaged)	≥ 50
Cold Bend (-20 \pm °C x 4 hrs)	No Crack
Standard & Environmental	UL Style 2464

ORDERING INFORMATION

Part Number	Description
75-1202161	2 CORE 16AWG Shielded Power Limited Fire Protective Signal Cable

