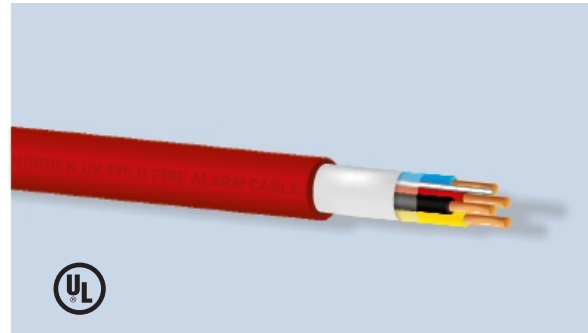


4 CORE 12 AWG SHIELDED POWER LIMITED FIRE PROTECTIVE SIGNAL CABLE



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

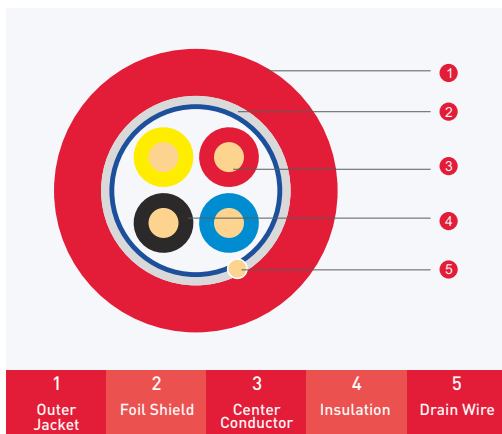


UL File No - E465991

CABLE CONSTRUCTION

Conductor Solid Bare Copper	Outer Jacket PVC (UL 1666 Riser)	Shielding Aluminium Foil - Polyester Tape
Insulation PVC	Jacket Colour Red	Foil Coverage 100%
Insulation Colour 4 Core: Red,Black,Yellow,Blue	Standard Packing Mode 305 mtr / Plywood Reel	Drain Wire Tinned Copper

SECTION VIEW



PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	4
Conductor Size	12 AWG 19x0.455mm
Insulation Diameter	2.85 mm
Drain Wire Size	0.25 x 10
Jacket Thickness	0.90 mm
Jacket Diameter	9.16 mm
Max. Recommended Pulling Tension	950 N
Min. Bending Radius Minor Axis	91 mm
Operating Temperature	-20°C to +75°C

4 CORE 12 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±°C x 4 hrs)	No Crack
Standard & Environmental	UL Style 2464, FPLR

ORDERING INFORMATION

Part Number	Description
75-1204121	4 CORE 12AWG Shielded Power Limited Fire Protective Signal Cable

