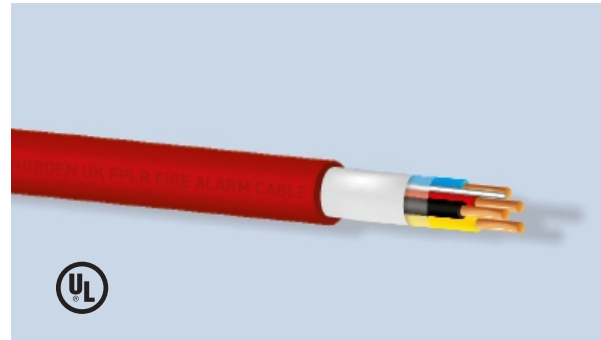


4 CORE 22 AWG SHIELDED POWER LIMITED FIRE PROTECTIVE SIGNAL CABLE



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

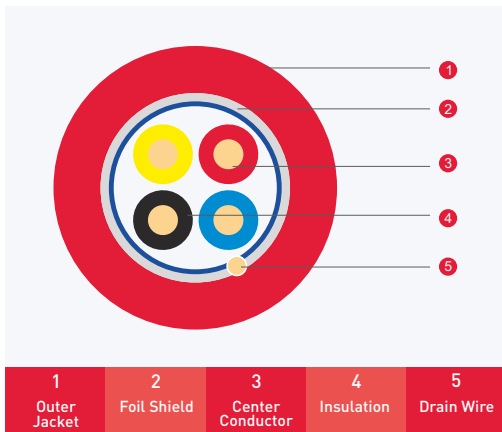
Standard Packing Mode

305 mtr / Plywood Reel

Drain Wire

Tinned Copper

SECTION VIEW



PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	4
Conductor Size	22 AWG, 7 x 30
Insulation Diameter	1.10 mm
Drain Wire Size	0.2 x 7
Jacket Thickness	0.43 mm
Jacket Diameter	3.5 mm
Max. Recommended Pulling Tension	187 N
Min. Bending Radius Minor Axis	35 mm
Operating Temperature	-40°C to +75°C

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ELECTRICAL CHARACTERISTICS

Characteristic	Value	Unit
Nom. Conductor DCR	Ω /km	55.4
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)	≥ 3.8
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, FPLR

ORDERING INFORMATION

Part Number	Description
75-1204221	4 CORE 22 AWG Shielded Power Limited Fire Protective Signal Cable