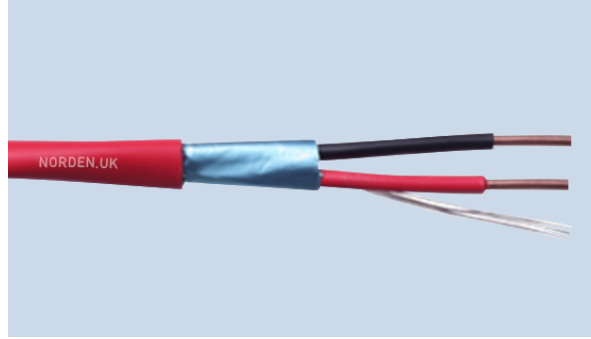


2 CORE 16AWG SHIELDED FIRE ALARM CABLE PP INSULATION FRPVC JACKET

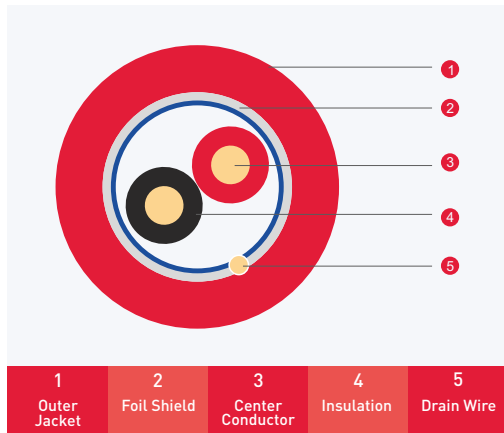
The shielded power limited fire protective fire alarm signal cable from Norden is suitable to use for installation in signalling & fire alarm systems. This cable is constructed with Polypropylene (PP) Insulation, 120 % Al-Polyester Foil Shield with FR-PVC (FPLR) protective outer jacket.



CABLE CONSTRUCTION

Conductor Solid Bare Copper	Shield 120% Al-Polyester Foil	Jacket Colour Red
Insulation Polypropylene (PP)	Drain Wire Stranded Tinned Copper	Standard Packing Mode 305m/Reel
Insulation Colour Red/Black	Outer Jacket FR-PVC (FPLR)	

SECTION VIEW



PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	2
Conductor Size	1.29 ± 0.005 mm , 16AWG
Insulation Diameter	2.1 ± 0.05 mm
Drain Wire Size	7 x 0.25 mm
Jacket Thickness	0.8 mm
Jacket Diameter	6.0 ± 0.3 mm
Max. Recommended Pulling Tension	27 KG
Min. Bending Radius	10 x OD
Operating Temperature	-20°C to +70°C

2 CORE 16AWG SHIELDED FIRE ALARM CABLE PP INSULATION FRPVC JACKET

ELECTRICAL CHARACTERISTICS

Characteristic	Value	Unit
Nom. Conductor DCR	13.7	Ω/KM
Dielectric Strength between Pairs	2.5	KV
Max. Operating Voltage	300	V
Sparker Test	3000	VAC

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	FRPVC
Before Tensile Strength (Mpa)	10.3
Aging Elongation (%)	100 %
After Tensile Strength (Mpa)	6.7
Aging Elongation (% of unaged)	65
Cold Bend [-20°C x 4 hrs]	No Crack
Standard & Environmental	UL 1424

ORDERING INFORMATION

Part Number	Description
75-4202165	2 Core 16AWG Shielded Fire Alarm Cable PP Insulation FRPVC Jacket