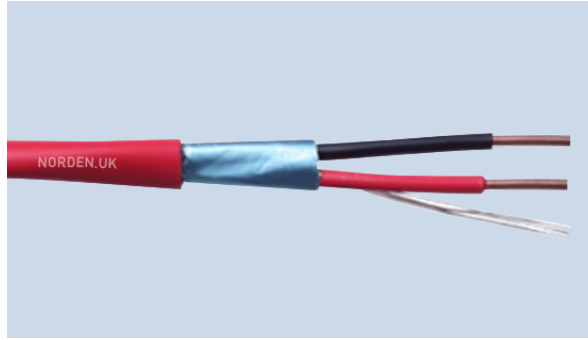


2 CORE 16 AWG SHIELDED POWER LIMITED FIRE PROTECTIVE SIGNAL CABLE LSZH



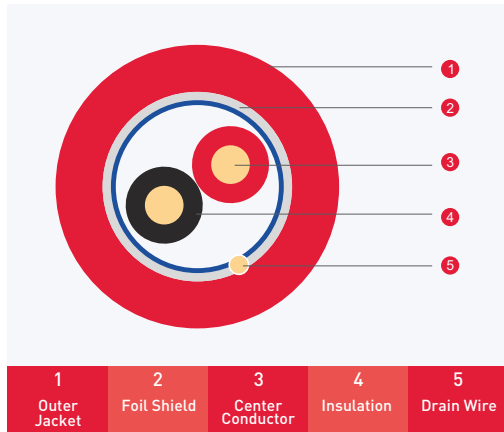
The shielded power limited fire protective signal cable from Norden is suitable for installation in signalling & fire alarm systems. It works at a high temperature level. This cable is constructed with FR PVC Insulation, Aluminium – Polyester Foil shield with LSZH outer jacket.



CABLE CONSTRUCTION

Conductor Solid Bare Copper	Outer Jacket LSZH	Shielding Aluminium - Polyester Foil
Insulation FR PVC	Jacket Colour Red	Drain Wire Stranded Tinned Copper
Insulation Colour 2 Core: Red/Black	Standard Packing Mode 305 mtr / Plywood Reel	

SECTION VIEW



PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	2
Conductor Size	16 AWG (1.29 ± 0.005 mm)
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
Recommended Pulling Tension	27 KG
Min. Bending Radius	10 x OD
Operating Temperature	-20°C to +60°C



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ELECTRICAL CHARACTERISTICS

Characteristic	Value	Unit
Conductor DC Resistance	Ω/km	13.7
Max. Operating Voltage	V	300
Sparker Test	VAC	3000

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	LSZH
Before Tensile Strength (Mpa)	13.8
Aging Elongation (%)	100
After Tensile Strength (Mpa)	11.8
Aging Elongation (% of unaged)	50
Cold Bend (-20±°C x 4 hrs)	No Crack

ORDERING INFORMATION

Part Number	Description
75-1202162	2 Core 16 AWG Shielded Power Limited Fire Protective Signal Cable LSZH