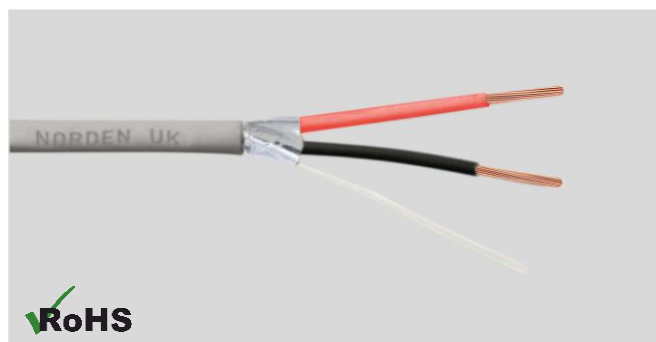


1 Pair 14 AWG Overall Foil Shielded Paired Cable

POLYNOR

The Overall Foil Shielded Paired Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purpose. The cable is constructed with PE insulation, 100 % Aluminium Foil – Polyester Tape Shielded and PVC or LSZH Outer Jacket.



CABLE CONSTRUCTION

Conductor

Tinned Copper

Shielding

100% Aluminium Foil - Polyester Tape

Outer Jacket

PVC (Polyvinyl Chloride)/LSZH

Insulation

PE (High Density Polyethylene)

Drain Wire

Tinned Copper

Jacket Color

Grey

PHYSICAL CHARACTERISTICS

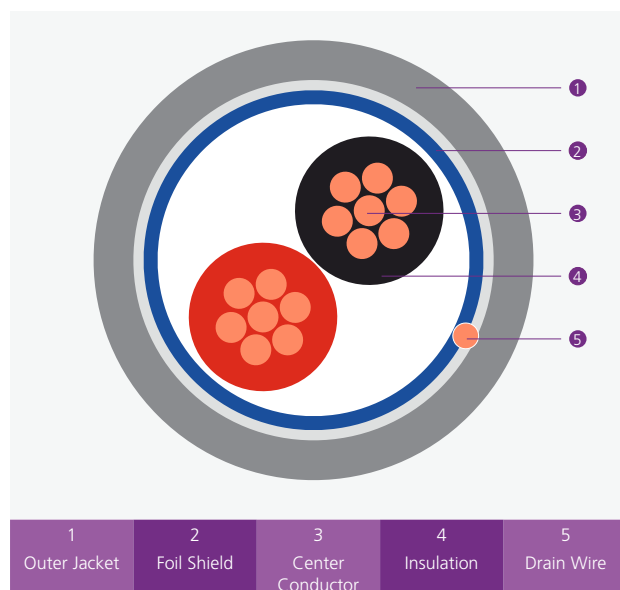
Characteristic	Value
No. of Pair	1
Conductor Size	14 AWG 19 x 27
Insulation Diameter	3.40 +/- 0.05 mm
Drain Wire Size	16 AWG
Jacket Thickness	0.9 +/- 0.05 mm
Outer Jacket Diameter	9.1 +/- 0.5 mm
Max. Recommended Pulling Tension	712 N
Min. Bending Radius Install	73 mm
Operating Temperature	-10°C to +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	58.0
Nom. Capacitance Cond. to Cond. to Cond.	pf/m	78.8
Max. Conductor DCR	Ω/km	8.96
Nom. Capacitance Cond. to Cond. & Shield	pf/m	154.5
Dielectric Strength between Pairs	kV/min	DC1.5

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC and LSZH
Before Tensile Strength (Mpa)	≥ 13.8
Aging Elongation (%)	≥ 100
After Tensile Strength (Mpa)	≥ 10.35
Aging Elongation (%)	≥ 75
Cold Bend [-20±°C x 4 hrs]	No Crack



1 Pair 14 AWG Overall Foil Shielded Paired Cable



INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1	Black/Red

ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
72-3201141	1 Pair 14 AWG Overall Foil Shielded Paired Cable PVC, 305m	95.3
72-3201142	1 Pair 14 AWG Overall Foil Shielded Paired Cable LSZH, 305m	100.06