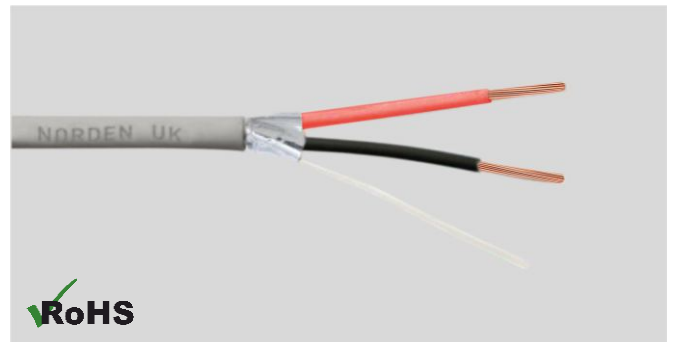


1 Pair 16 AWG Overall Foil Shielded Paired Cable

 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

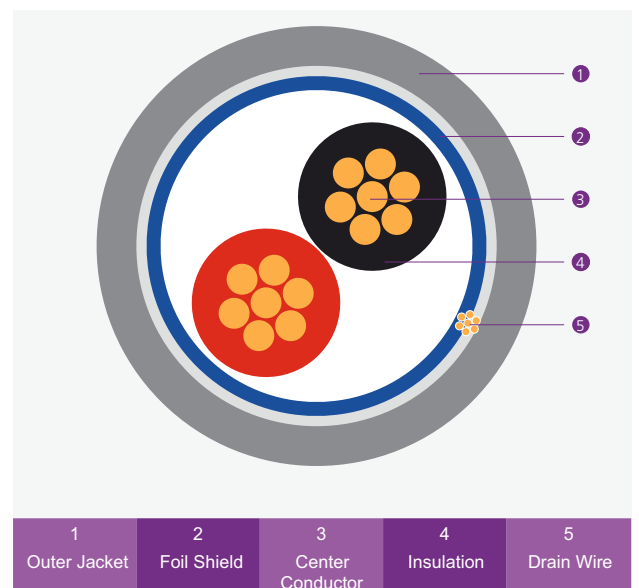
Characteristic	Value
No. of Pair	1
Conductor Size	16 AWG 26 x 30
Insulation Diameter	3.10 mm
Drain Wire Size	16 AWG 16 x 30
Jacket Thickness	0.82 mm
Jacket Diameter	7.90 mm
Max. Recommended Pulling Tension	453 N
Min. Bending Radius Install	63 mm
Operating Temperature	-10°C to +60°C
No: of Twist per Mtr	8 Nos

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	65.0
Nom. Capacitance Cond. to Cond.	pF/m	75.5
Nom. Conductor DCR	Ω /km	14.7
Nom. Capacitance Cond. to Cond. & Shield	pf/m	126.4
Dielectric Strength between Pairs	KV/5min	1.5

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 \pm °C x 4 hrs)	No Crack



1 Pair 16 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)
72-3201161	1 Pair 16 AWG Overall Foil Shielded Paired Cable PVC, 305m	72.3
72-3201162	1 Pair 16 AWG Overall Foil Shielded Paired Cable LSZH, 305m	75.9