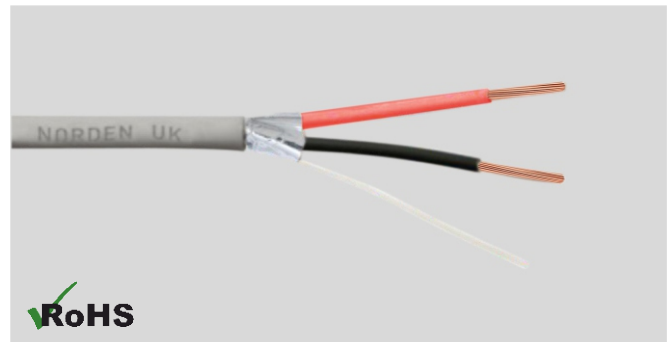


1 Pair 12 AWG Overall Foil Shielded Paired Cable

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

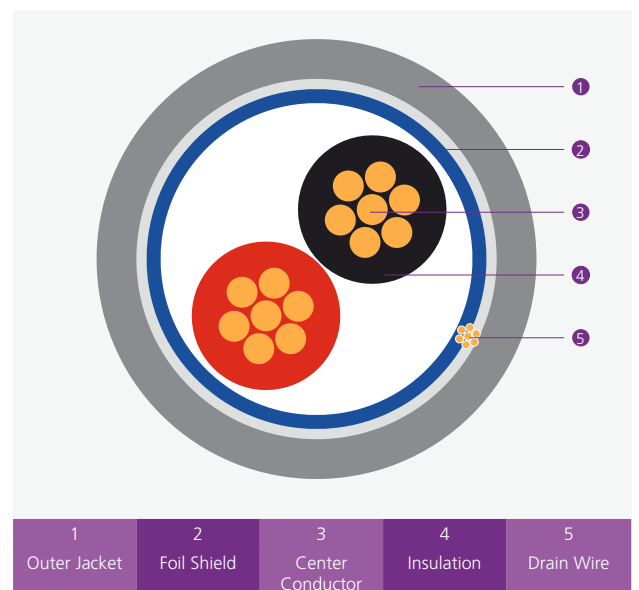
Characteristic	Value
No. of Pair	1
Conductor Size	12 AWG 19 x 25
Nom. Insulation Thickness	0.8 mm
Drain Wire Size	24 AWG 7 x 32
Nom. Jacket Thickness	0.9 mm
Nom. Outer Cable Diameter	10.2 mm
Max. Recommended Pulling Tension	670 N
Min. Bending Radius Install	81.6 mm
Operating Temperature	-10°C to +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Capacitance Cond. to Cond.	pf/m	77
Nom. DC Resistance	Ω/km	5.6
Nom. Capacitance Cond. to Cond. & Shield	pf/m	160
Dielectric Strength between Pairs	V	300

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 12 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)
72-3201121	1 Pair 12 AWG Overall Foil Shielded Paired Cable PVC, 305m	124
72-3201122	1 Pair 12 AWG Overall Foil Shielded Paired Cable LSZH, 305m	130.2