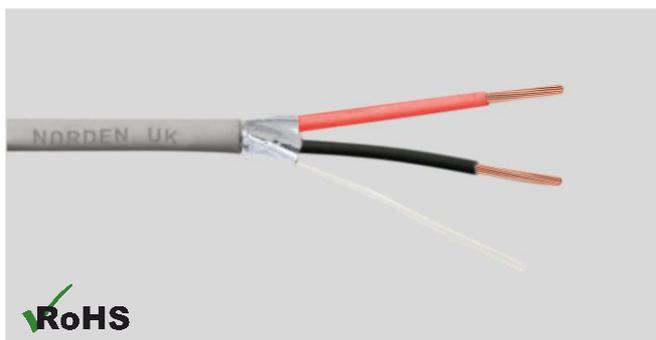


1 Pair 18 AWG Overall Foil Shielded Paired Cable

 POLYNOR

The Multi Conductor 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

Aluminium Foil - Polyester Tape

Drain Wire

Tinned Copper

Jacket Color

Grey

Insulation

PE (High Density Polyethylene)

Foil Coverage

100%

Outer Jacket

PVC/LSZH

PHYSICAL CHARACTERISTICS

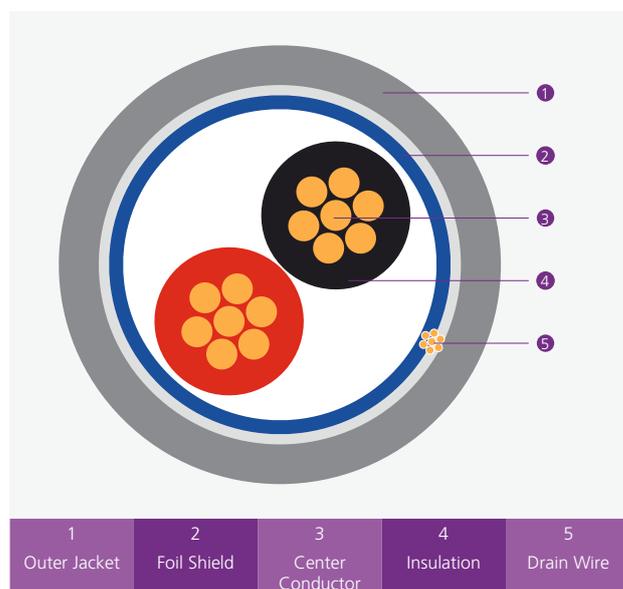
| Characteristic | Value |
|----------------------------------|----------------|
| No. of Pair | 1 |
| Conductor Size | 18 AWG 16 x 30 |
| Insulation Thickness | 0.48 mm |
| Insulation Diameter | 2.20 mm |
| Drain Wire Size | 20 AWG 7 x 28 |
| Jacket Thickness | 0.55 mm |
| Jacket Diameter | 5.30 mm |
| Max. Recommended Pulling Tension | 275 N |
| Min. Bending Radius Minor Axis | 57 mm |
| Operating Temperature | -10°C to +75°C |

ELECTRICAL CHARACTERISTICS

| Characteristic | Unit | Value |
|--|--------------|-------|
| Nom. Characteristic Impedance | Ω | 55.0 |
| Nom. Capacitance Cond. to Cond. | pf/m | 97.7 |
| Nom. Conductor DCR | Ω /km | 21.3 |
| Nom. Capacitance Cond. to Cond. & Shield | pf/m | 144.3 |
| Max. Recommended Current @ 25°C | Amps | 5.2 |
| Max. Operating Voltage UL | V/min | 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 18 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) |
|-------------|---|--------------------|
| 72-3201181 | 1 Pair 18 AWG Overall Foil Shielded Paired Cable PVC, 305 M | 37.0 |
| 72-3201182 | 1 Pair 18 AWG Overall Foil Shielded Paired Cable LSZH, 305M | 39.0 |