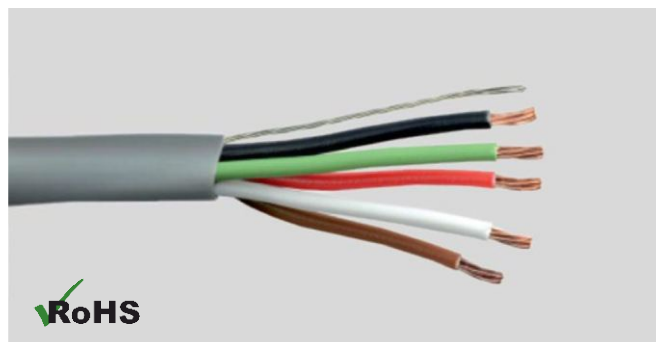


5 Core 18 AWG

Unshielded Multi Conductor Cable

 POLYNOR

The Unshielded Multi Conductor Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purpose. The cable is constructed with PVC Insulation, 100 % Aluminium Foil – Polyester Tape Shielded and PVC/LSZH Outer Jacket.



CABLE CONSTRUCTION

Conductor

Stranded Bare Copper

Rip Cord

Yes

Jacket Color

Grey

Insulation

PVC

Outer Jacket

PVC/LSZH

PHYSICAL CHARACTERISTICS

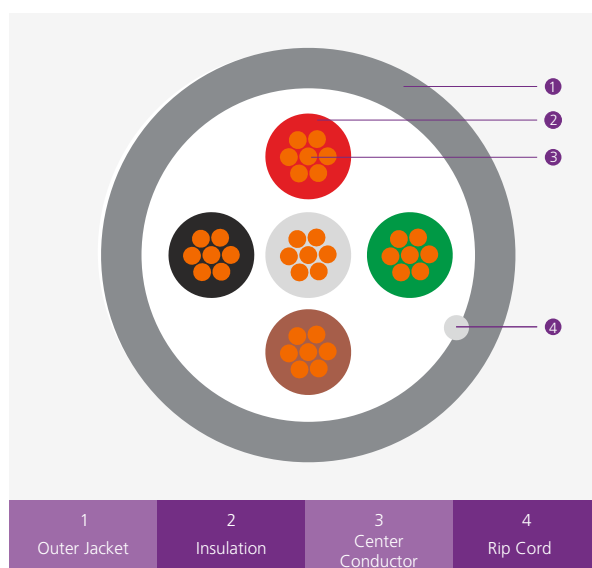
| Characteristic | Value |
|----------------------------------|------------------|
| No. of Conductor | 5 |
| Conductor Size | 18 AWG 7 x 0.4mm |
| Insulation Thickness | 0.3 mm |
| Insulation Diameter | 1.8 mm |
| Nom. Jacket Thickness | 0.6 mm |
| Nom. Jacket Outer Diameter | 6.1 mm |
| Max. Recommended Pulling Tension | 420 N |
| Min. Bending Radius Minor Axis | 61 mm |
| Operating Temperature | -10°C to +60°C |

ELECTRICAL CHARACTERISTICS

| Characteristic | Unit | Value |
|-----------------------------------|---------|-------|
| Nom. Conductor DCR @ 20°C | Ω/km | 22.0 |
| Dielectric Strength between Pairs | KV/5min | 1.5 |
| Max. Operating Voltage | V/min | 300 |

MECHANICAL CHARACTERISTICS

| Characteristic | Value |
|-------------------------------|----------|
| Test Material | PVC/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
Outer Jacket

2
Insulation

3
Center
Conductor

4
Rip Cord

5 Core 18 AWG Unshielded Multi Conductor Cable



INSULATION COLOUR CODE

| Individual Core | Colour |
|-----------------|--------|
| Core 1 | Black |
| Core 2 | White |
| Core 3 | Red |
| Core 4 | Green |
| Core 5 | Brown |

ORDERING INFORMATION

| Part Number | Description | Net Weight (Kg/Km) |
|-------------|---|--------------------|
| 71-1105181 | 5 Core 18 AWG Unshielded Multi conductor Cable PVC, 305m | 50.5 |
| 71-1105182 | 5 Core 18 AWG Unshielded Multi conductor Cable LSZH, 305m | 51.5 |