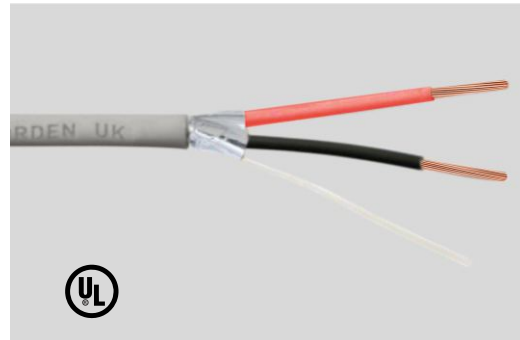


1 Pair 16 AWG Overall Foil Shielded CMG PVC Jacket Cable

POLYNOR

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



CABLE CONSTRUCTION

Conductor

Bare Copper

Foil Coverage

100%

Jacket Colour

Grey

Insulation

PVC (Polyvinyl chloride)

Drain Wire

Tinned Copper

Shielding

Aluminium Foil - Polyester Tape

Outer Jacket

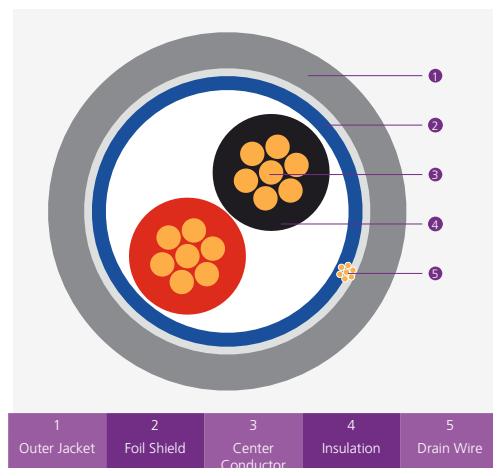
PVC (CMG Rated)

PHYSICAL CHARACTERISTICS

| CHARACTERISTIC | VALUE |
|----------------------------------|----------------|
| No. of Pair | 1 |
| Conductor Size | 16 AWG 7x24 |
| Insulation Thickness | 0.43 mm |
| Drain Wire Size | 18 AWG 7x26 |
| Jacket Thickness | 0.93 mm |
| Jacket Diameter | 6.57 mm |
| Twist per meter | 13.12 |
| Max. Recommended Pulling Tension | 180 N |
| Min. Bending Radius Install | 66 mm |
| Operating Temperature | -20°C to +80°C |

ELECTRICAL CHARACTERISTICS

| CHARACTERISTIC | UNIT | VALUE |
|---|-------|-------|
| Nom. Inductance | μ H/m | 0.62 |
| Nom. Capacitance Cond. to Cond @1kHz. | pF/m | 80 |
| Nom. Conductor DCR @ 20°C | Ω/km | 12.13 |
| Nom. Capacitance Cond. to Shield @1kHz. | pF/m | 150 |
| Nom. Outer Shield DCR @ 20°C | Ω/km | 16.7 |
| Max. Operating Voltage | Vrms | 300 |
| Max. Recommended Current @ 25°C | Amp | 6.1 |



1 Pair 16 AWG Overall Foil Shielded CMG PVC Jacket Cable



MECHANICAL CHARACTERISTICS

| CHARACTERISTIC | VALUE |
|-------------------------------|----------|
| Test Material | PVC |
| 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 |

INSULATION COLOUR CODE

| INDIVIDUAL PAIR | COLOUR |
|-----------------|-----------|
| Pair 1 | Black/Red |

ORDERING INFORMATION

| PRODUCT | DESCRIPTION | NET WEIGHT (Kg) |
|------------|---|-----------------|
| 72-120116D | 1 Pair 16 AWG Overall Foil Shielded CMG PVC Jacket Cable, 305 m | 20.4 |