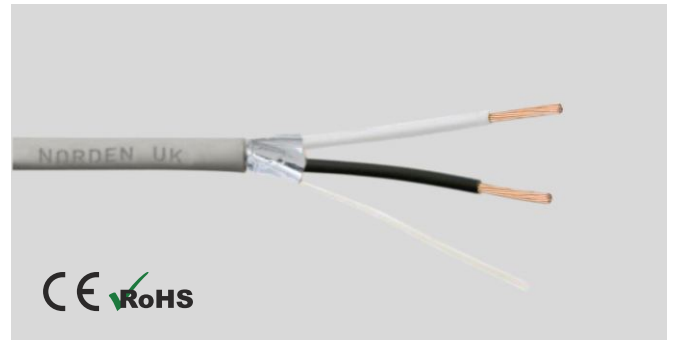


2 Core 12 AWG Shielded Multi Conductor Cable

The Shielded 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 PVC or LSZH outer jacket.



CABLE CONSTRUCTION

Conductor

Stranded Bare Copper

Shielding

100% Aluminium Foil - Polyester Tape

Outer Jacket

PVC (UL CM)/LSZH

Insulation

PE

Drain Wire

Tinned Copper

Jacket Color

Grey

PHYSICAL CHARACTERISTICS

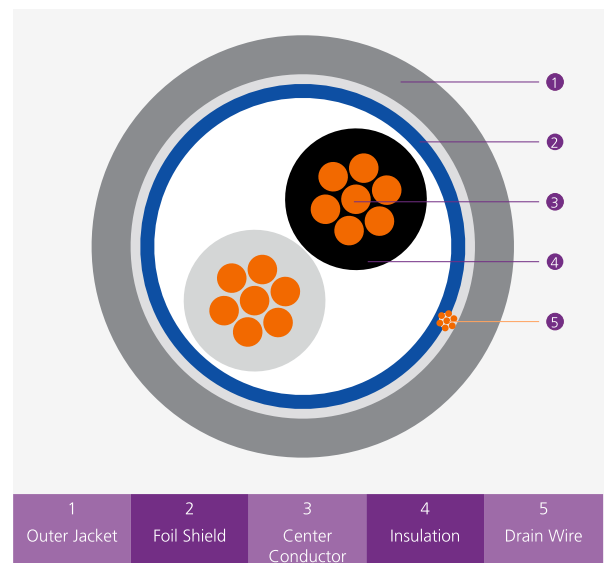
| Characteristic | Value |
|----------------------------------|----------------|
| No. of Conductor | 2 |
| Conductor Size | 12AWG 19X25 |
| Insulation Diameter | 3 mm |
| Drain Wire Size 2 | (20AWG 7X28) |
| Jacket Thickness | 0.44mm |
| Jacket Diameter | 7 mm |
| Max. Recommended Pulling Tension | 810 N |
| Min. Bending Radius Minor Axis | 65 mm |
| Operating Temperature | -10°C to +75°C |

ELECTRICAL CHARACTERISTICS

| Characteristic | Unit | Value |
|-----------------------------------|---------|-------|
| Nom. Conductor DCR | Ω/km | 5.2 |
| Dielectric Strength between Pairs | KV/5min | 1.5 |
| Max. Operating Voltage UL | 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 |



2 Core 12 AWG Shielded Multi Conductor Cable

INDIVIDUAL CORE COLOUR

| Individual Core | Colour |
|-----------------|--------|
| Core 1 | Black |
| Core 2 | White |

ORDERING INFORMATION

| Part Number | Description |
|-------------|--|
| 71-3202121 | 2 Core 12 AWG Shielded Multi Conductor Cable PVC 305M |
| 71-3202122 | 2 Core 12 AWG Shielded Multi Conductor Cable LSZH 305M |