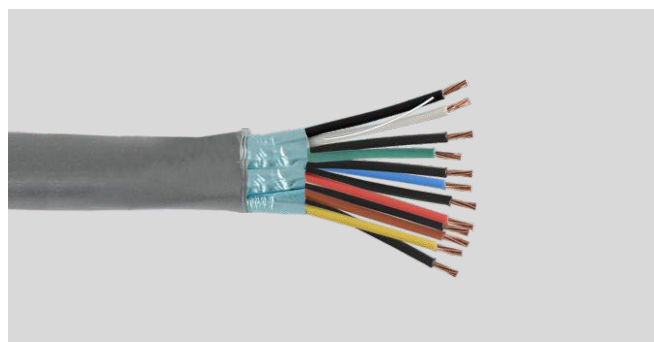


6 Pair 24 AWG Overall Foil Shielded Paired Cable

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 Overall Shielded and PVC or LSZH outer jacket.



CABLE CONSTRUCTION

Conductor

Bare Copper

Shielding

Aluminium foil-polyester tape

Outer Jacket

PVC/LSZH

Jacket Color

Grey

Insulation

PE (Polyethylene)

Foil Coverage

100%

Drain Wire

Tinned Copper

PHYSICAL CHARACTERISTICS

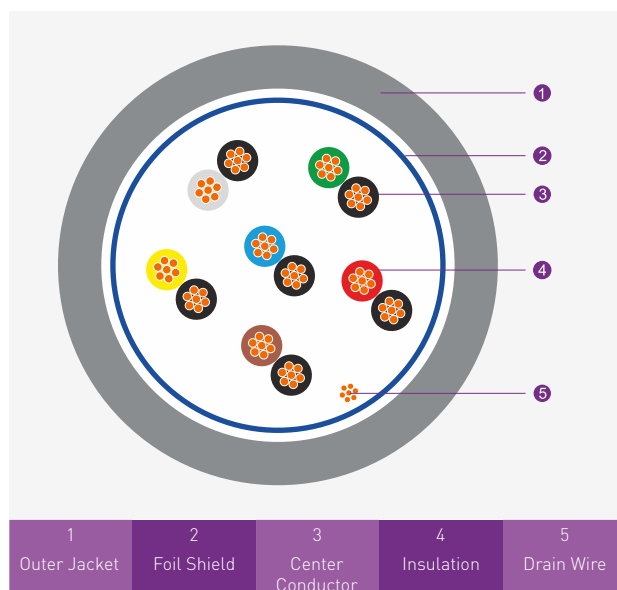
| Characteristic | Value |
|----------------------------------|----------------|
| No. of Pair | 6 |
| Conductor Size | 24 AWG 7 x 0.2 |
| Insulation Diameter (±0.05 mm) | 1.4 mm |
| Drain Wire Size | 7 x 0.2 mm |
| Jacket Thickness (±0.05 mm) | 0.7 mm |
| Cable Diameter (±0.3 mm) | 7.6mm |
| Max. Recommended Pulling Tension | 293 N |
| Min. Bending Radius | 76 mm |
| Operating Temperature | -10°C to +60°C |

ELECTRICAL CHARACTERISTICS

| Characteristic | Unit | Value |
|---------------------------------|------|-------|
| Nom. Conductor DC Resistance | Ω/km | 79 |
| Nom. Characteristic Impedance | Ω | 100 |
| Max. Recommended Current @ 25°C | Amps | 2.1 |
| Max. Operating Voltage UL | V | 300 |

MECHANICAL CHARACTERISTICS

| Characteristic | Value |
|--------------------------------------|----------|
| Test Material | PVC/LSZH |
| Before Tensile Strength (Mpa) | ≥ 13.8 |
| Aging Elongation (%) | ≥ 100 |
| After Tensile Strength (% of unaged) | ≥ 85 |
| Aging Elongation (% of unaged) | ≥ 50 |
| Cold Bend [-20±°C x 4 hrs] | No Crack |



6 Pair 24 AWG Overall Foil Shielded Paired Cable



INSULATION COLOUR CODE

| Individual Pair | Colour |
|-----------------|--------------|
| Pair 1 | Black/Red |
| Pair 2 | Black/White |
| Pair 3 | Black/Green |
| Pair 4 | Black/Blue |
| Pair 5 | Black/Yellow |
| Pair 6 | Black/Brown |

ORDERING INFORMATION

| Part Number | Description | Net Weight Kg/km |
|-------------|--|------------------|
| 72-3206241 | 6 Pair 24 AWG Overall Foil Shielded Cable PVC, 305m | 22.7 |
| 72-3206242 | 6 Pair 24 AWG Overall Foil Shielded Cable LSZH, 305m | 23.5 |