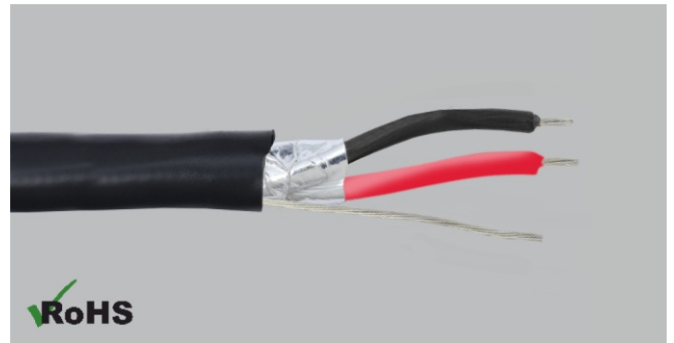


1 Pair 16 AWG Overall Foil Shielded Multi Conductor Cable - 600V

POLYNOR

The Shielded Multi Conductor 600V Cable from NORDEN is suitable to use as TC Power & Control tray cable. The cable is constructed overall Aluminium Polyester foil shielding with PVC insulation and Outer Jacket.



CABLE CONSTRUCTION

Conductor
Tinned Copper

Shielding
Aluminium polyester foil

Outer Jacket
PVC

Insulation
PVC

Drain Wire
Tinned Copper

Jacket Colour
Black

PHYSICAL CHARACTERISTICS

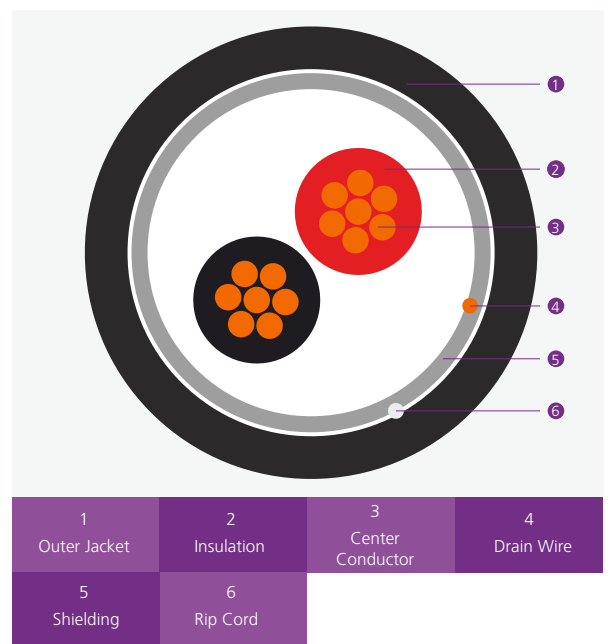
| Characteristic | Value |
|----------------------------------|-----------------|
| No. of Pairs | 1 |
| Conductor Size | 16 AWG, 19 x 29 |
| Nom. Jacket Thickness | 1.19 mm |
| Nom. Cable Outer Diameter | 7.46 mm |
| Drain wire size | 16 AWG, 19 x 29 |
| Max. Recommended Pulling Tension | 178 N |
| Min. Bending Radius Minor Axis | 76.2 mm |
| Operating Temperature | -10°C to +60°C |

ELECTRICAL CHARACTERISTICS

| Characteristic | Unit | Value |
|---------------------------------|------|-------|
| Nom. Conductor DCR @ 20°C | Ω/km | 13.78 |
| Nom. Inductance | μH/m | 0.65 |
| Nom. Capacitance Cond. to Cond. | pF/m | 285.4 |
| Max. Operating Voltage UL | Vrms | 600 |

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 |



Building & Industrial Cables

1 Pair 16 AWG Overall Foil Shielded Multi Conductor Cable - 600V

 POLYNOR

INSULATION COLOUR CODE

| Individual Core | Colour |
|-----------------|-------------|
| Pair1 | Black & Red |

ORDERING INFORMATION

| Product | Description | Net Weight (kg/km) |
|------------|-------------------------------------------------------------------------|--------------------|
| 7D-1201161 | 1 Pair 16 AWG Overall foil Shielded Multiconductor Cable-600V PVC, 305m | 84 |