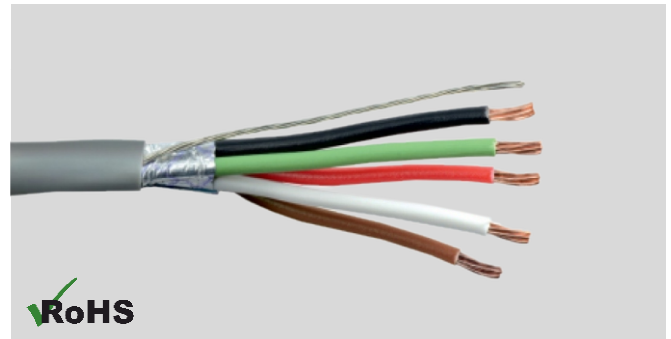


# 5 Core 16 AWG Shielded Multi Conductor Cable

 POLYNOR

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 and PVC Outer Jacket.



## CABLE CONSTRUCTION

### Conductor

Stranded Bare Copper

### Shielding

100% Aluminium Foil - Polyester Tape

### Outer Jacket

PVC/LSZH

### Insulation

PE (Polyethylene)

### Drain Wire

Tinned Copper

### Jacket Color

Grey

## PHYSICAL CHARACTERISTICS

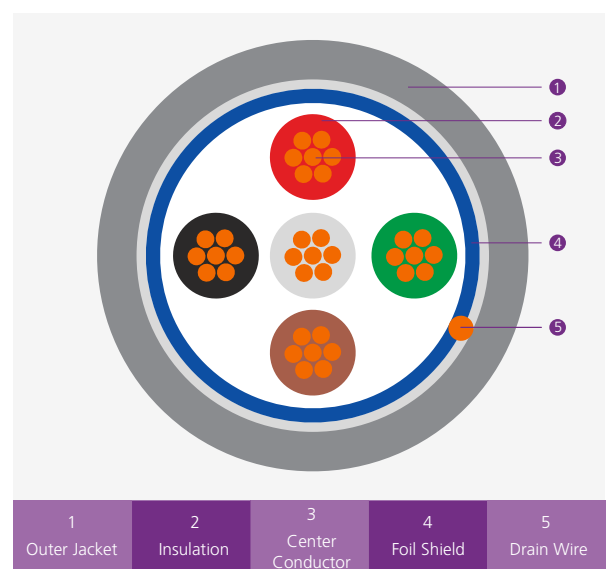
Characteristic	Value
No. of Conductor	5
Conductor Size	16 AWG 19x29
Insulation Thickness	0.2 mm
Drain Wire Size	24 AWG, 7 x 32
Nom. Jacket Thickness	0.43 mm
Nom. Jacket Outer Diameter	6.2 mm
Max. Recommended Pulling Tension	701 N
Min. Bending Radius Minor Axis	61 mm
Operating Temperature	-10°C to +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR @ 20°C	Ω/km	13.7
Nom. Capacitance Cond. to Cond.	pF/m	173.9
Nom. Capacitance Cond. to Other Cond & Shield	pF/m	315.7
Dielectric Strength Between Pairs	KV/5min	1.5
Max. Operating Voltage	V/rms	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



# 5 Core 16 AWG Shielded Multi Conductor Cable



## INSULATION COLOUR CODE

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

## ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
71-3205161	5 Core 16 AWG Shielded Multi Conductor Cable, 305m	82.6
71-3205162	5 Core 16 AWG Shielded Multi Conductor Cable, 305m	85.4