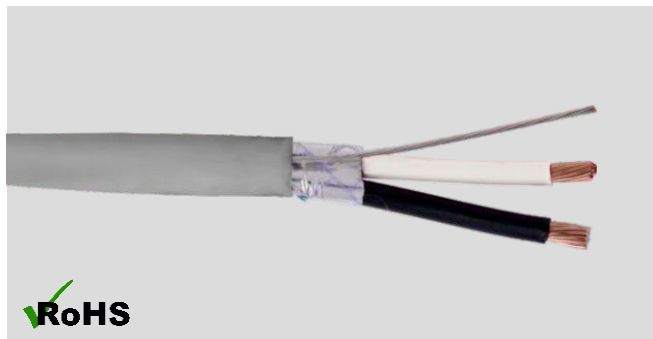


# 2 Core 16 AWG Shielded Multi Conductor Cable

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/LSZH outer jacket.



## CABLE CONSTRUCTION

### Conductor

Stranded Bare Copper

### Shielding

100% Aluminium Foil - Polyester Tape

### Jacket Color

Grey

### Insulation

PE (High Density Polyethylene)

### Drain Wire

Tinned Copper

### Outer Jacket

PVC (Polyvinyl Chloride)/LSZH

## PHYSICAL CHARACTERISTICS

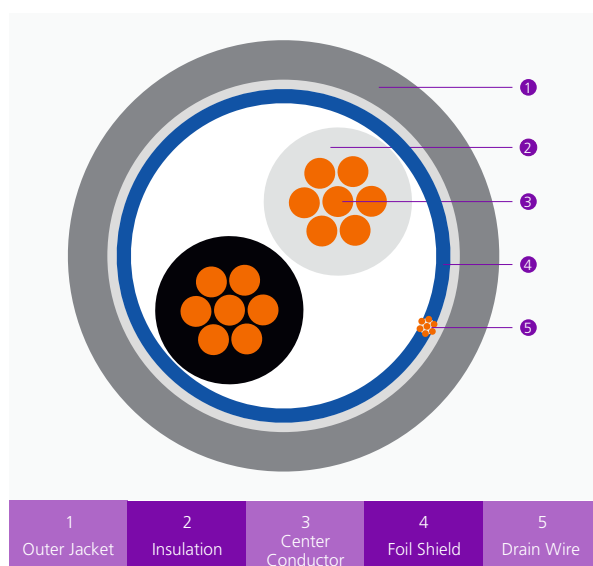
Characteristic	Value
No. of Conductor	2
Conductor Size	16 AWG, 26 x 30
Insulation Diameter	1.80 mm
Drain Wire Size	22 AWG, 7 x 30
Jacket Thickness	0.45 mm
Jacket Diameter	4.60 mm
Max. Recommended Pulling Tension	380 N
Min. Bending Radius Minor Axis	36.8 mm
Operating Temperature	-10°C to +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Capacitance Cond. to Cond.	pF/m	173.9
Nom. Conductor DCR	Ω/km	13.7
Nom. Capacitance Cond. to Cond. & Shield	pF/m	311.7
Dielectric Strength between Pairs	KV/5min	1.5
Max. Operating Voltage UL	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



# 2 Core 16 AWG Shielded Multi Conductor Cable



## INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	White

## ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
71-3202161	2 Core 16 AWG Shielded Multi Conductor Cable PVC, 305m	37.8
71-3202162	2 Core 16 AWG Shielded Multi Conductor Cable LSZH, 305m	39.7

Packing Length: 2 : 500Mtr