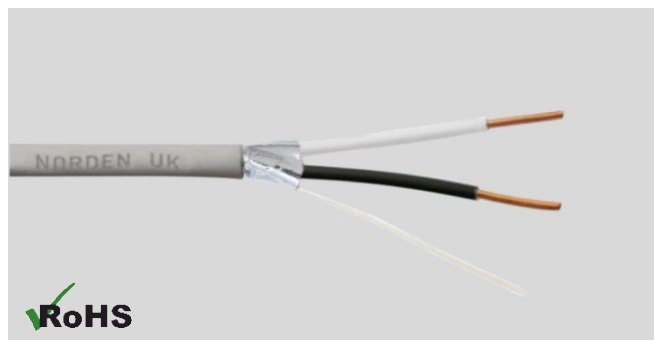


# 2 Core 18 AWG Shielded Multi Conductor Cable

 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 PE, PVC or LSZH outer jacket.



 RoHS

## CABLE CONSTRUCTION

### Conductor

Stranded Bare Copper

### Shielding

100% Aluminium Foil - Polyester Tape

### Rip Cord

Nylon

### Jacket Color

Grey

### Insulation

PE (High Density Polyethylene)

### Drain Wire

Tinned Copper

### Outer Jacket

PE/PVC/LSZH

## PHYSICAL CHARACTERISTICS

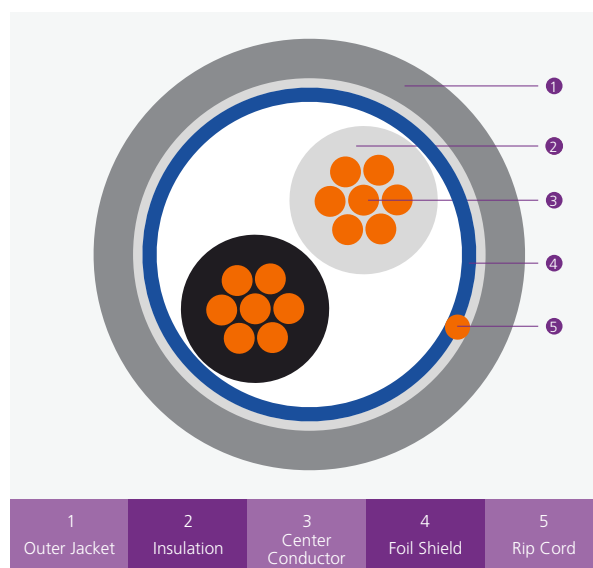
Characteristic	Value
No. of Conductor	2
Conductor Size	18 AWG, 7 x 26
Insulation Diameter	1.60 mm
Drain Wire Size	22 AWG, 7 x 30
Jacket Thickness	0.45 mm
Jacket Diameter	4.10 mm
Max. Recommended Pulling Tension	255 N
Min. Bending Radius Minor Axis	32.8 mm
Operating Temperature	-10°C to +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Capacitance Cond. to Cond.	pF/m	173.9
Nom. Conductor DCR	Ω/km	21.3
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 18 AWG Shielded Multi Conductor Cable



## INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Clear
Core 2	Black

## ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
71-3202181	2 Core 18 AWG Shielded Multi Conductor Cable PVC, 305m	29.5
71-3202182	2 Core 18 AWG Shielded Multi Conductor Cable LSZH, 305m	31.0
71-3202184	2 Core 18 AWG Shielded Multi Conductor Cable PE, 305m	33.0