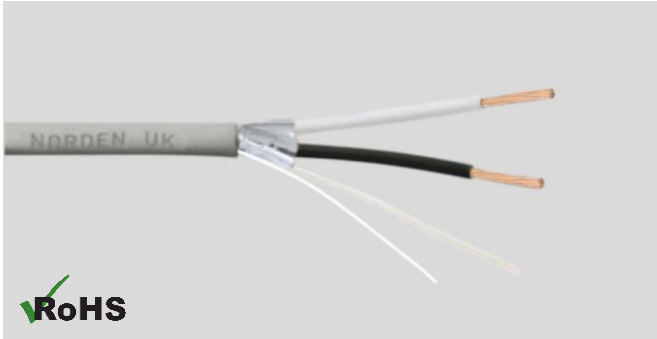


# 2 Core 18 AWG Shielded Multi Conductor Cable

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.



## CABLE CONSTRUCTION

<b>Conductor</b> Tinned Copper	<b>Shielding</b> 100% Aluminium Foil - Polyester Tape	<b>Rip Cord</b> Yes	<b>Outer Jacket</b> PE/PVC/LSZH
<b>Insulation</b> PE (High Density Polyethylene)	<b>Drain Wire</b> Tinned Copper	<b>Jacket Color</b> Grey	

## PHYSICAL CHARACTERISTICS

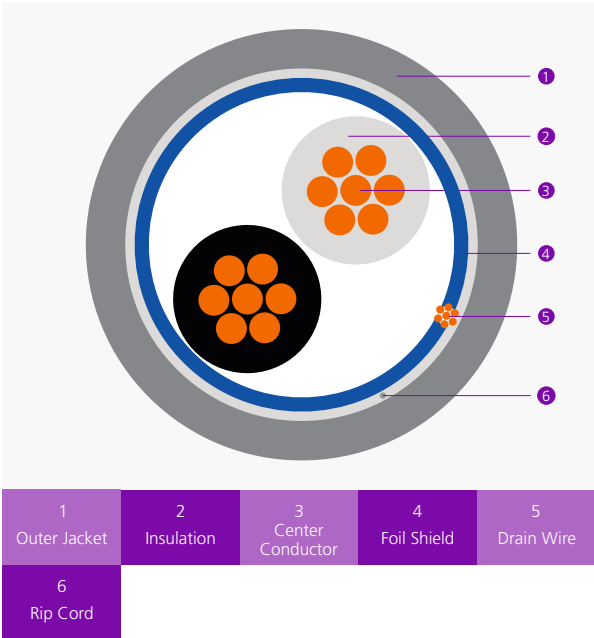
Characteristic	Value
No. of Conductor	2
Conductor Size	18 AWG, 7 x 26
Insulation Thickness	0.3 mm
Insulation Diameter	1.8 mm
Drain Wire Size	24AWG, 7*0.2mm
Jacket Thickness	0.45 mm
Jacket Diameter	4.8 ± 0.3mm
Max. Recommended Pulling Tension	255 N
Min. Bending Radius Minor Axis	32.8 mm
Operating Temperature	-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	Black
Core 2	White

## ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
7H-3202182	2 Core 18 AWG Shielded Multi Conductor Cable LSZH, 305m	31.0

Packing Length: 2 : 500Mtr

**Note :** Cable weight may vary depending on the specified parameters.