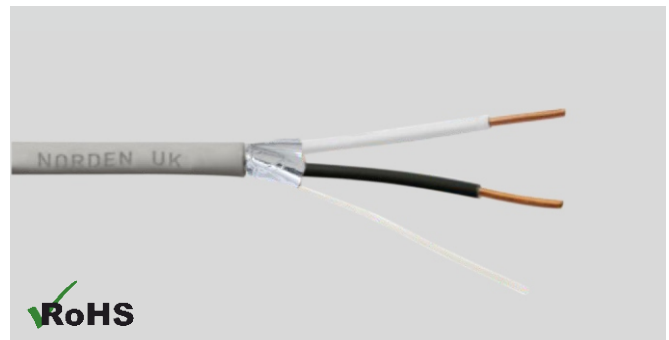


# 2 Core 14 AWG Shielded Solid Conductor Cable

 POLYNOR

The Shielded Solid 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 or LSZH outer jacket.



## CABLE CONSTRUCTION

### Conductor

Bare Copper

### Shielding

100% Aluminium Foil - Polyester Tape

### Outer Jacket

PVC/LSZH

### Insulation

PE (Polyethylene)

### Drain Wire

Tinned Copper

### Jacket Color

Grey

## PHYSICAL CHARACTERISTICS

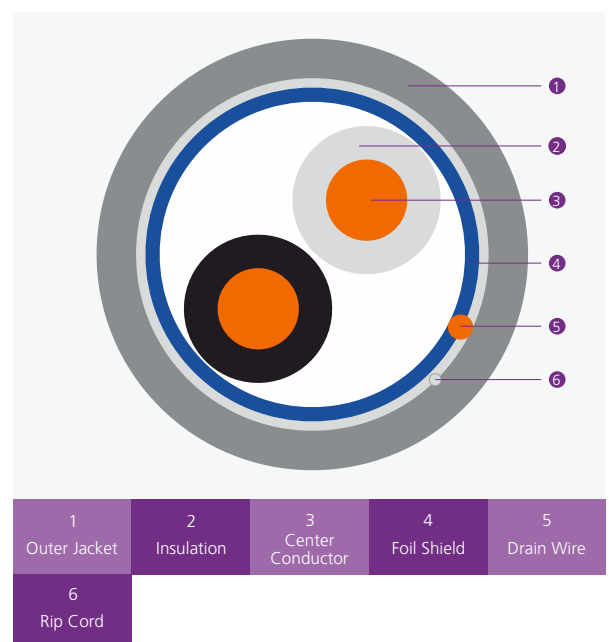
Characteristic	Value
No. of Conductor	2
Conductor Size	14 AWG, 1.6mm
Insulation Diameter	2.36 mm
Drain Wire Size	22 AWG, 0.64mm
Jacket Thickness	0.43 mm
Jacket Diameter	5.70 mm
Max. Recommended Pulling Tension	557 N
Min. Bending Radius Minor Axis	45.6 mm
Operating Temperature	-10°C to +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	$\Omega$ /km	8.5
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)	$\geq 13.8$
Aging Elongation (%)	$\geq 100$
After Tensile Strength (Mpa)	$\geq 10.35$
Aging Elongation (%)	$\geq 75$
Cold Bend [-20 $\pm$ °C x 4 hrs]	No Crack



# 2 Core 14 AWG Shielded Solid Conductor Cable



## INSULATION COLOUR CODE

Individual Core	Colour
Core 1	White
Core 2	Black

## ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
79-3202141	2 Core 14 AWG Shielded Single Strand Solid Conductor Cable PVC, 305m	68.2
79-3202142	2 Core 14 AWG Shielded Single Strand Solid Conductor Cable LSZH, 305m	71.6