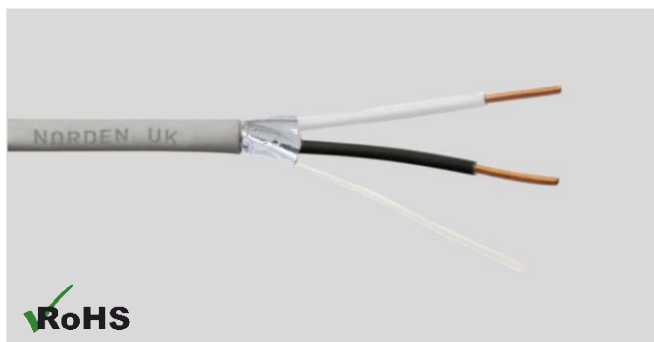


1 Pair 18 AWG Shielded Single Strand Solid Conductor Cable



The Single strand solid Conductor Cable from NORDEN is suitable to use with in Audio, Control and Instrutmenation purpose. The cable is constructed with PE insulation, 100% Aluminium Foil-Polyester Tape Shielded and LSZH outer jacket.



CABLE CONSTRUCTION

Conductor
Solid Bare Copper

Shielding
Aluminium foil-polyester tape

Outer Jacket
LSZH

Jacket Color
Grey

Insulation
PE (Polyethylene)

Foil Coverage
100%

Drain Wire
Tinned Copper

PHYSICAL CHARACTERISTICS

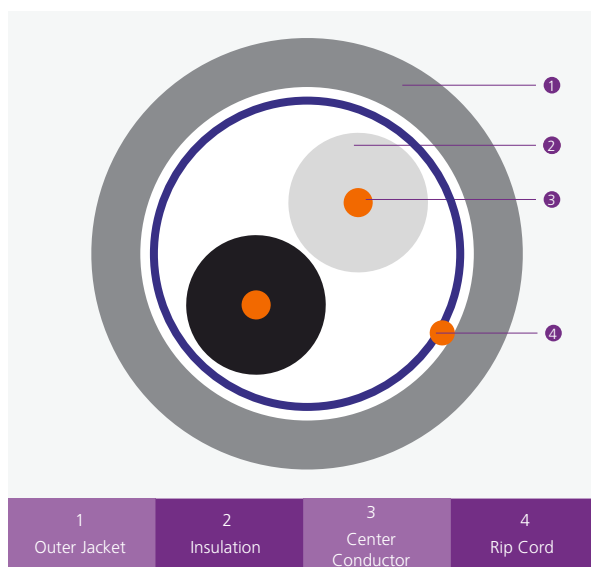
Characteristic	Value
No. of Pair	1
Conductor Size	18 AWG 1.02 mm
Insulation Thickness	0.45 mm
Insulation Diameter	2.0 mm
Drain Wire Size	7x0.25 mm
Jacket Thickness	0.55 mm
Jacket Diameter	5.3 mm
Max. Recommended Pulling Tension	275 N
Min. Bending Radius Minor Axis	57mm
Operating Temperature	-10°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	55
Nom. Capacitance Cond. to Cond.	pf/m	97.7
Nom. Conductor DCR	Ω /km	21.3
Nom. Capacitance Cond. to Cond. & Shield	pf/m	144.3
Max. Recommended Current @ 25°C	Amps	5.2
Max. Operating Voltage UL	V/min	300

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	LSZH
Before Tensile Strength (Mpa)	≥ 13.8
Aging Elongation (%)	≥ 100
After Tensile Strength (Mpa)	≥ 10.35
Aging Elongation (%)	≥ 75
Cold Bend (-20 \pm °C x 4 hrs)	No Crack



1 Pair 18 AWG Shielded Single Strand Solid Conductor Cable

 POLYNOR

INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1	Black/Clear

ORDERING INFORMATION

Part Number	Description
79-3201182	1 Pair 18 AWG Shielded Single Strand Solid Conductor Cable LSZH, 305m