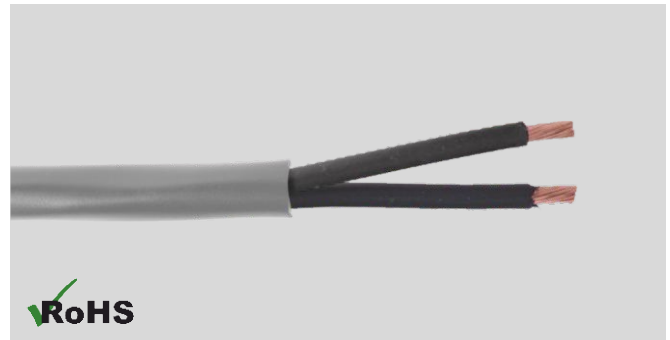


2 Core 18 AWG Unshielded Multi Conductor Cable - 600V

 POLYNOR

The Unshielded Multi Conductor 600V Instrumentation Cable from NORDEN is suitable to be used in Control, Sound, Building Management System (BMS), Safety, Audio and Data Transmission. The cable is constructed with PE insulation and LSZH Outer Jacket.



CABLE CONSTRUCTION

Conductor

Tinned Copper

Shielding

Unshielded

Jacket Color

Grey

Insulation

PE (High Density Polyethylene)

Outer Jacket

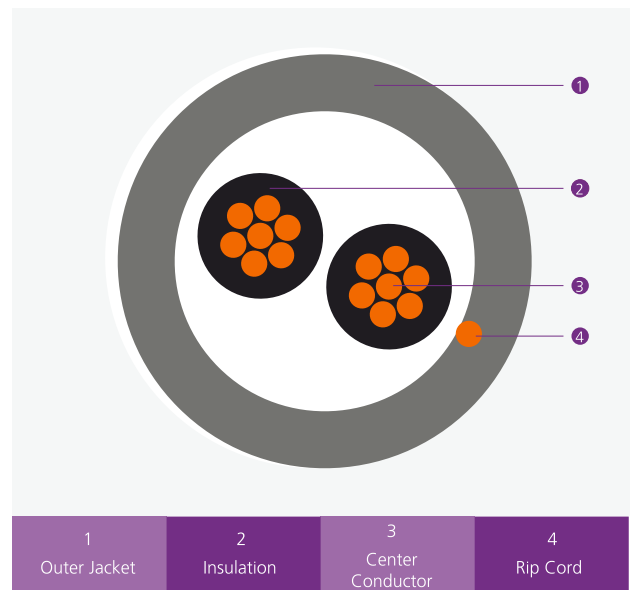
LSZH

PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	2
Conductor Size	18 AWG ClassB
Insulation Thickness	0.64 mm
Insulation Conductor Diameter	2.52
Nom. Jacket Thickness	1.14
Nom. Outer Cable Diameter	7.2 ± 0.2 mm
Min. Pulling bending Radius	48.3 mm
Min. Training bending Radius	33.0 mm
Recommended Pulling Tension	200 N
Pulling with Basket Weave grip over outer jacket	11.8 kg
Pulling with eye attached to Metal only of all conductors	11.8 kg
Operating Temperature	-20°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR @ 20°C	Ω/km	21.3
Max. Recommended Current @ 20°C	Amps	5
Max. Operating Voltage UL	V rms	600
Test Voltage AC	kV	2.5
Test Voltage DC	kV	7.5



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MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC/LSZH
Before Tensile Strength (Mpa)	≥ 13.8
Aging Elongation (%)	≥ 100
After Tensile Strength (Mpa)	≥ 85
Aging Elongation (%)	≥ 50
Cold Bend (-20±°C x 4 hrs)	No Crack

INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black Numbered 1
Core 2	Black Numbered 1

ORDERING INFORMATION

Product	Description	Net Weight (kg)
7C-3102182	2 Core 18 AWG Unshielded Multi Conductor Cable-600V LSZH, 305m	60