

1 Pair 18 AWG Unshielded Paired Cable

The Unshielded Paired Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purpose. The cable is constructed with PE Insulation and PVC or LSZH outer jacket.



CABLE CONSTRUCTION

Conductor
Tinned Copper

Rip Cord
Nylon

Jacket Color
Grey

Insulation
PE (High Density Polyethylene)

Outer Jacket
PVC/LSZH

PHYSICAL CHARACTERISTICS

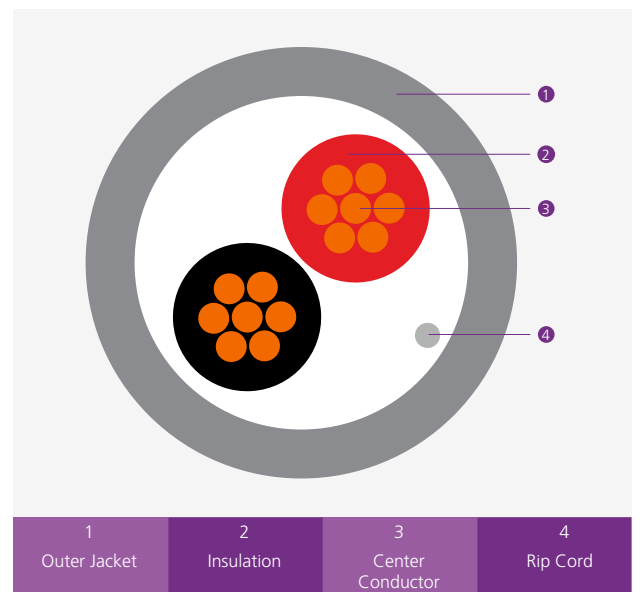
Characteristic	Value
No. of Pair	1
Conductor Size	18 AWG 16 x 30
Jacket Thickness	0.82 mm
Nom. Cable Outer Diameter	5.30 mm
Max. Recommended Pulling Tension	201 N
Min. Bending Radius Minor Axis	42.4 mm
Operating Temperature	-10°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	Ω/km	22.3
Max. Recommended Current @ 25°C	Amps	4.8
Max. Operating Voltage UL	V	300

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC and 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



- 1
Outer Jacket
- 2
Insulation
- 3
Center Conductor
- 4
Rip Cord

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INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1	Black/Red

ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
72-3101181	1 Pair 18 AWG Unshielded Paired Cable PVC, 305m	32.8
72-3101182	1 Pair 18 AWG Unshielded Paired Cable LSZH, 305m	34.4