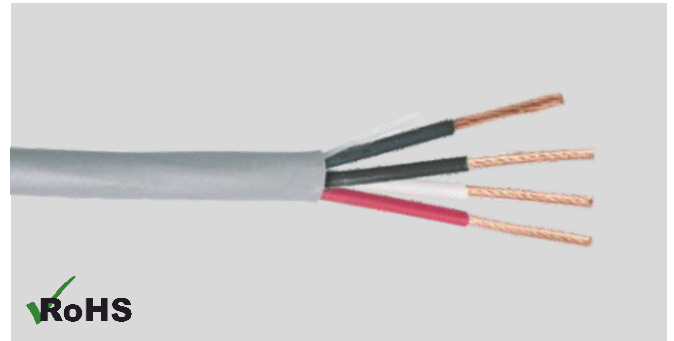


# 2 Pair 18 AWG Unshielded Paired Cable

**POLYNOR**

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

**Shielding**  
Unshielding

**Jacket Color**  
Grey

**Insulation**  
PE (Polyethylene)

**Outer Jacket**  
PVC/LSZH

## PHYSICAL CHARACTERISTICS

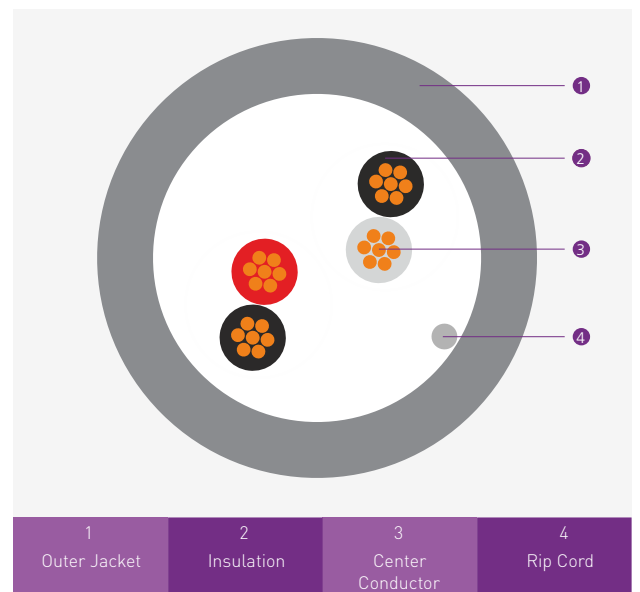
Characteristic	Value
No. of Pair	2
Conductor Size	18 AWG 16x30
Insulation Thickness	0.4 mm
Nom. Jacket Thickness	0.9 mm
Nom. Overall Cable Diameter	8.4 mm
Max. Recommended Pulling Tension	401.2 N
Min. Bending Radius Minor Axis	67.2 mm
Operating Temperature	-10°C to +75°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Capacitance Cond. to Cond.	pF/m	83.5
Nom. Conductor DCR @ 20°C	Ω/km	19.2
Max. Recommended Current @ 20°C	Amps	3.9
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



# 2 Pair 18 AWG Unshielded Paired Cable



## INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1	Black/Red
Pair 2	Black/White

## ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
72-3102181	2 Pair 18 AWG Unshielded Paired Cable PVC, 305m	71.5
72-3102182	2 Pair 18 AWG Unshielded Paired Cable LSZH, 305m	75.1