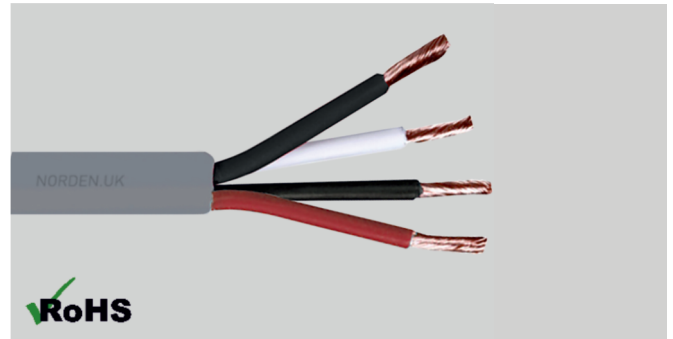


2 Pair 16 AWG Unshielded Paired Cable

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/LSZH outer jacket.



CABLE CONSTRUCTION

Conductor

Stranded Tinned Copper

Shielding

Unshielding

Jacket Color

Grey

Insulation

PE (Polyethylene)

Outer Jacket

PVC/LSZH

Rip Cord

Yes

PHYSICAL CHARACTERISTICS

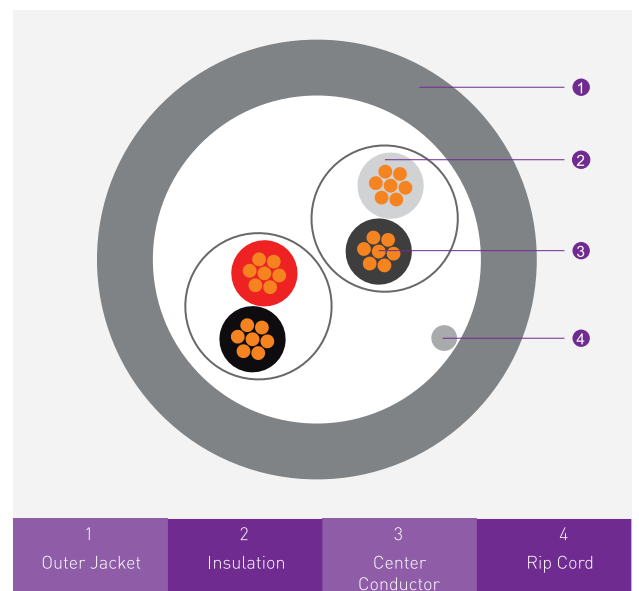
Characteristic	Value
No. of Pair	2
Conductor Size	16 AWG 26x0.25 mm
Insulation Diameter	2.1 ±0.05 mm
Nom. Jacket Thickness	0.65 mm
Nom. Overall Cable Diameter	8.2 ± 0.3 mm
Min. Bending Radius Minor Axis	123 mm
Operating Temperature	-20°C to +60°C
Max. Recommended Pulling Tension	260N

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Capacitance Cond. to Cond.	pF/m	60±15
Nom. Conductor DCR @ 20°C	Ω/km	14.7
Max. Recommended Current @ 20°C	Amps	10.0
Max. Operating Voltage UL	V	300
Sparker Test	VAC	3000
Nom. Characteristic Impedance	Ω	90±15

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC/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 16 AWG Unshielded Paired Cable



INSULATION COLOUR CODE

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

ORDERING INFORMATION

Part Number	Description
72-3102161	2 Pair 16 AWG Unshielded Paired Cable PVC, 305m
72-3102162	2 Pair 16 AWG Unshielded Paired Cable LSZH, 305m