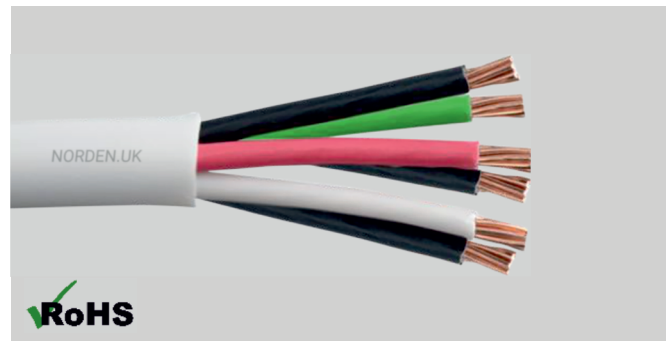


3 Pair 16 AWG Unshielded Paired Cable

POLYNOR

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



CABLE CONSTRUCTION

Conductor

Stranded Tinned Copper

Outer Jacket

PVC/LSZH

Rip cord

Yes

Insulation

PE (Polyethylene)

Jacket Color

Grey

PHYSICAL CHARACTERISTICS

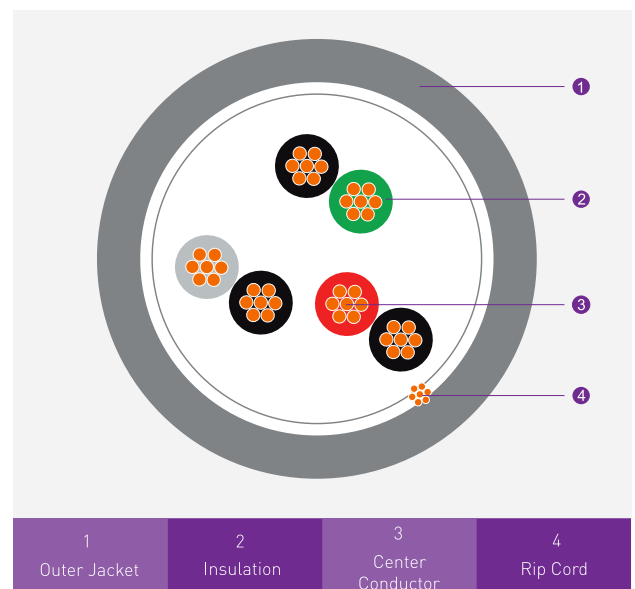
Characteristic	Value
No. of Pair	3
Conductor Size	16 AWG 26 x 0.25 mm
Insulation Diameter	2.1±0.05 mm
Jacket Thickness	0.7 mm
Outer Jacket Diameter	9.8± 0.3 mm
Min. Bending Radius Minor Axis	147 mm
Operating Temperature	-20°C to +60°C

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 @ 25 °C	Amps	10.0
Max. Operating Voltage UL	V	300
Sparker Test	VAC	3000
Max. Recommended Pulling Tension	N	375
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



3 Pair 16 AWG Unshielded Paired Cable



INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1	Black/Red
Pair 2	Black/White
Pair 3	Black/Green

ORDERING INFORMATION

Part Number	Description
72-3103161	3 Pair 16 AWG Unshielded Paired Cable PVC, 305m
72-3103162	3 Pair 16 AWG Unshielded Paired Cable LSZH, 305m