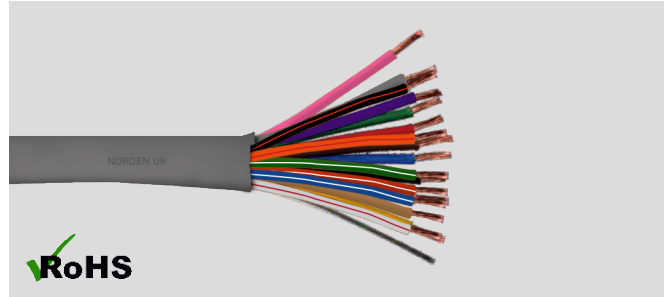


18 Core 16 AWG Unshielded Multi Conductor Cable

The Unshielded Multi Conductor Cable from NORDEN is suitable to use within Commercial Audio Systems , Control, and Instrumentation purposes. The cable is constructed with a double insulation of PVC and Nylon followed by a PVC outer jacket.



CABLE CONSTRUCTION

Conductor Stranded Annealed Copper	Insulation 2 Nylon	Rip Cord Yes	Jacket Colour Grey
Insulation 1 PVC	Wrap PET (Transparent)	Outer Jacket PVC	

PHYSICAL CHARACTERISTICS

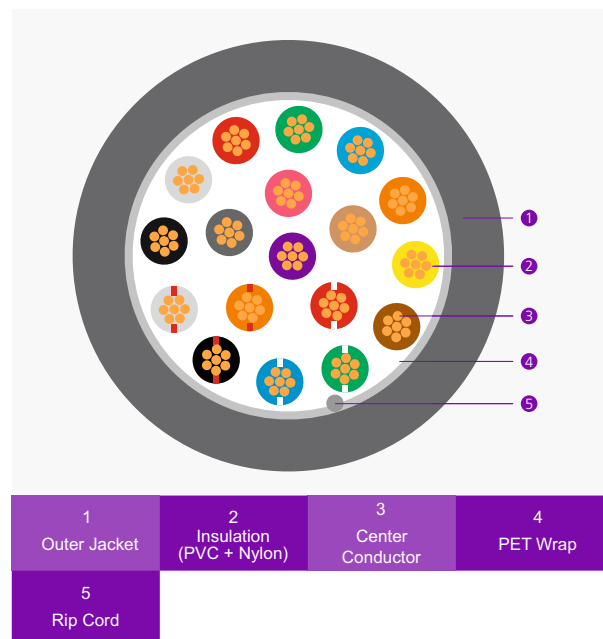
Characteristic	Value
No. of Conductor	18
Conductor Size	16 AWG (7 x 0.49 mm)
Insulation 1 (PVC) Diameter	2.25 ± 0.05 mm
Insulation 1 (PVC) Thickness	0.39 mm
Insulation 2 (Nylon) Diameter	2.5 ± 0.05 mm
Insulation 2 (Nylon) Thickness	0.12 mm
Nom. Jacket Thickness	1.3 mm
Nom. Cable Outer Diameter	16 ± 0.4 mm
Min. Bending Radius	10 x OD
Operating Temperature	-20°C to +70°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	Ω/km	13.7
Max. Current per Conductor at 30°C	Amps	5.9
Max. Operating Voltage UL	V	600
Sparker Test	VAC	3000

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC
Before Tensile Strength (Mpa)	16
Aging Elongation (%)	300
After Tensile Strength (% of unaged)	≥75
Aging Elongation (%)	75
Cold Bend (-20±°C x 4 hrs)	No Crack



18 Core 16 AWG Unshielded Multi Conductor Cable



INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	White
Core 3	Red
Core 4	Green
Core 5	Brown
Core 6	Blue
Core 7	Orange
Core 8	Yellow
Core 9	Purple
Core 10	Gray
Core 11	Pink
Core 12	Tan
Core 13	Red/White Stripe
Core 14	Green/White Stripe
Core 15	Blue/White Stripe
Core 16	Black/Red Stripe
Core 17	White/Red Stripe
Core 18	Orange/Red Stripe

ORDERING INFORMATION

Part Number	Description
71-P118161	18 Core 16 AWG Unshielded Multi Conductor Cable PVC + Nylon Insulation & PVC Outer Jacket