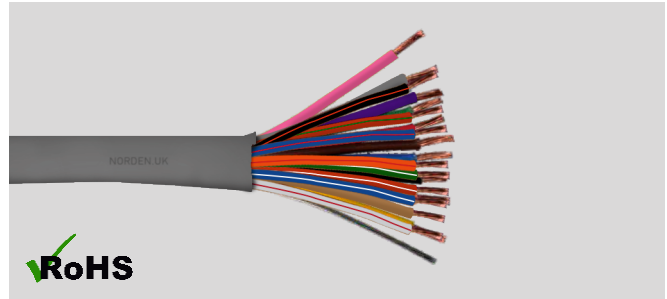


20 Core 16 AWG Unshielded Multi Conductor Cable

The Unshielded Multi Conductor Cable from NORDEN is suitable to use within Commercial Audio Systems, Control, and Instrumentation purposes. The cable is constructed with double insulation of PVC & Nylon, Rip Cord and 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

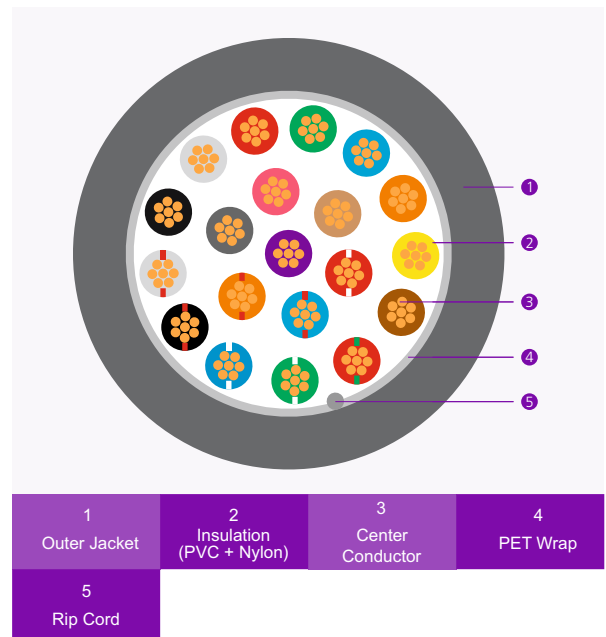
Characteristic	Value
No. of Conductor	20
Conductor Size	16 AWG 7 X 0.49mm
Insulation Thickness PVC	0.39mm
Insulation Diameter PVC	2.25±0.05mm
Insulation Thickness Nylon	0.12mm
Insulation Diameter Nylon	2.5±0.05mm
Jacket Thickness	1.3mm
Jacket Diameter	16.3 ± 0.4mm
Min. Bending Radius	10 X OD
Operating Temperature	-20°C To +70°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	Ω/km	13.7
Max. Recommended Current @ 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 (Mpa)	≥75%
Aging Elongation (%)	75
Cold Bend (-20±°C x 4 hrs)	No Crack



20 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
Core 19	Blue/Red Stripe
Core 20	Red/Green Stripe

ORDERING INFORMATION

Part Number	Description
71-P120161	20 Core 16 AWG Unshielded Multi Conductor Cable PVC + Nylon Insulation & PVC Outer Jacket