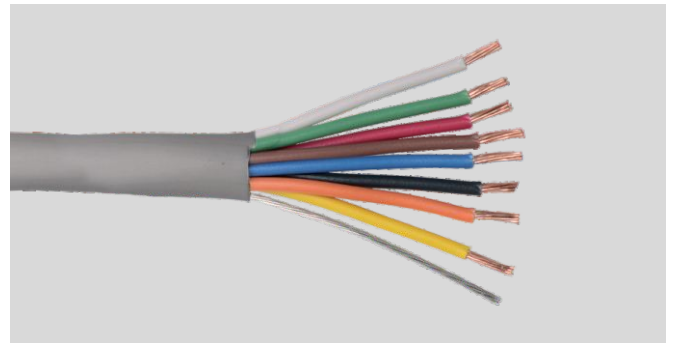


8 Core 16 AWG Unshielded Multi Conductor Cable

The Unshielded Multi Conductor Cable from NORDEN is suitable to use within Commercial Audio Systems, Control and Instrumentation purpose. The cable is constructed with PE insulation and PVC/LSZH outer jacket.



CABLE CONSTRUCTION

Conductor
Tinned Copper

Outer Jacket
PVC/LSZH

Jacket Color
Grey

Insulation
PE (Polyethylene)

Rip Cord
Nylon

PHYSICAL CHARACTERISTICS

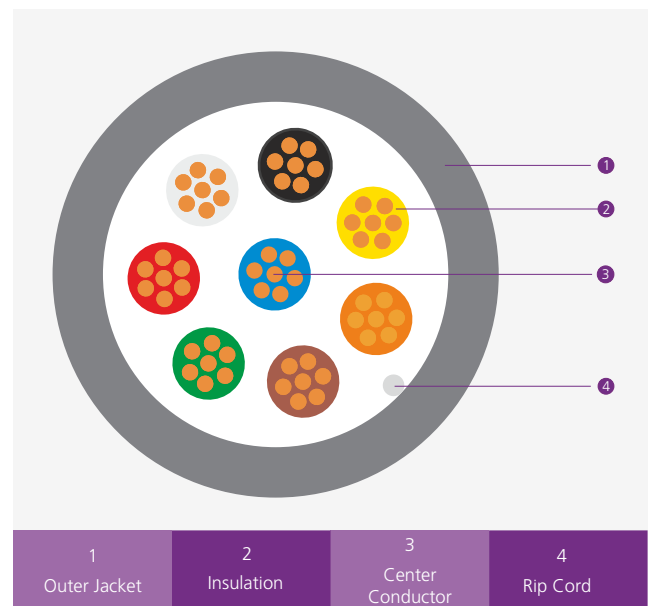
Characteristic	Value
No. of Conductor	8
Conductor Size	16 AWG, 7x24
Insulation Thickness	0.28 mm
Nominal Jacket Thickness	0.5 mm
Nominal Cable Outer Diameter	10.87 mm
Max. Recommended Pulling Tension	400 N
Min. Bending Radius Minor Axis	87 mm
Operating Temperature	-15°C to +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR @ 20°C	Ω/km	13.7
Nom. Capacitance Cond. to Cond.	pF/Km	77.1
Max. Operating Voltage UL	V Rms	300
Max. Recommended Current	Amps	6.25

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



8 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

ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
71-3108161	8 Core 16 AWG Unshielded Multi Conductor Cable PVC, 305m	149
71-3108162	8 Core 16 AWG Unshielded Multi Conductor Cable LSZH, 305m	149