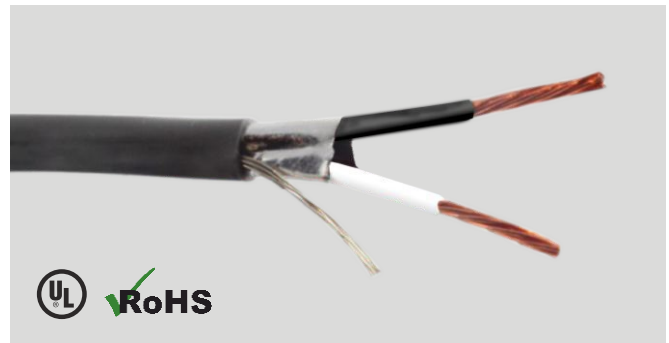


2 Core 16 AWG Stranded Tinned Copper Shielded Multi-Conductor Cable



The Shielded Multi Conductor Cable from NORDEN is suitable to use within Audio, Control, and Instrumentation purposes. The cable is constructed with PE Insulation, 100 % Aluminium Foil-Polyester Tape Shielded and PVC Outer jacket.



CABLE CONSTRUCTION

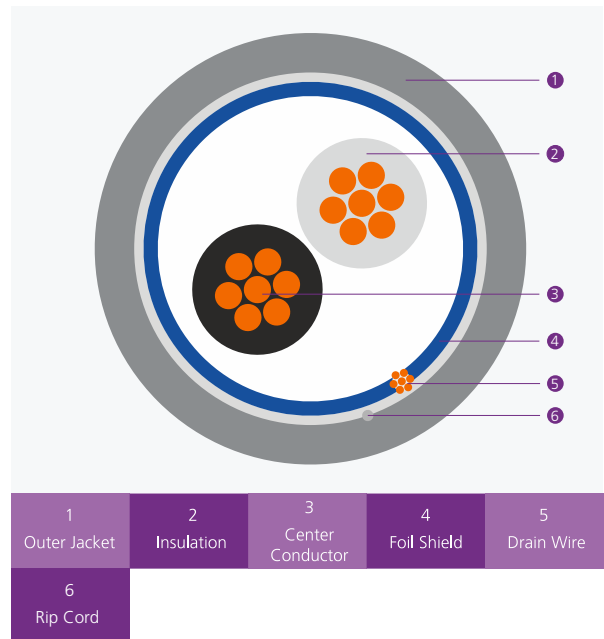
Conductor Stranded Tinned Copper	Shielding 100% Al-Polyester Foil	Outer Jacket PVC (Polyvinyl Chloride)
Insulation PE (High Density Polyethylene)	Drain Wire Stranded Tinned Copper	Rip Cord Yes

PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	2
Conductor Size	16 AWG , 26 X 0.25mm
Insulation Diameter	2.1 ± 0.05mm
Drain Wire Size	7 X 0.2mm
Jacket Thickness	0.5 mm
Nom.Outer Jacket Diameter	4.6 ± 0.3mm
Max. Recommended Pulling Tension	196N (20 Kg)
Min. Bending Radius Minor Axis	10 X OD
Operating Temperature	-20°C To +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	Ω/km	≤ 14.3
Nom. Capacitance Cond. to Cond.	pF/m	110
Nom. Capacitance Cond. to Cond. & Shield	pF/m	210
Nom. Characteristic Impedance	Ω	45
Max. Recommended Current @ 25°C	A	6.5
Max. Operating Voltage UL	V	300
Sparker Test	VAC	3000



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MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC
Before Tensile Strength (Mpa)	13.8
Aging Elongation (%)	100
After Tensile Strength (Mpa)	11.8
Aging Elongation (%)	50
Cold Bend [-20±°C x 4 hrs]	No Crack

INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	White

ORDERING INFORMATION

Part Number	Description
7J- 3202161	2 Core 16 AWG Stranded Tinned Copper Shielded Multi-Conductor Cable