

2 Core 16 AWG Shielded Multi Conductor Cable



The Shielded Multi Conductor Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purpose. The cable is constructed with PE Insulation, 100 % Aluminium Foil – Polyester Tape Shielded and PVC/LSZH Outer Jacket.



CABLE CONSTRUCTION

Conductor	Tinned Copper
Insulation	PE (High Density Polyethylene)
Shielding	Aluminium Foil - Polyester Tape
Foil Coverage	100 %
Drain Wire	Tinned Copper
Rip Cord	Nylon
Outer Jacket	PVC / LSZH
Jacket Colour	Grey

PHYSICAL CHARACTERISTICS

CHARACTERISTIC	VALUE
No. of Conductor	2
Conductor Size	16 AWG 26 x 30
Insulation Diameter	1.80 mm
Drain Wire Size	22 AWG 7 x 30
Jacket Thickness	0.45 mm
Jacket Diameter	4.60 mm
Max. Recommended Pulling Tension	380 N
Min. Bending Radius Minor Axis	36.8 mm
Operating Temperature	-10°C to +60°C

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	UNIT	VALUE
Nom. Capacitance Cond. to Cond.	pf/m	173.9
Nom. Conductor DCR	Ω/km	13.7
Nom. Capacitance Cond. to Cond. & Shield	pf/m	311.7
Dielectric Strength between Pairs	KV/5min	1.5
Max. Operating Voltage UL	V/min	300

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

INSULATION COLOUR CODE

INDIVIDUAL CORE	COLOUR
Core 1	Black
Core 2	Red

ORDERING INFORMATION

PRODUCT	DESCRIPTION	NET WEIGHT KG/KM
71-3202161	2 Core 16 AWG Shielded Multi Conductor Cable PVC	37.8
71-3202162	2 Core 16 AWG Shielded Multi Conductor Cable LSZH	39.5

