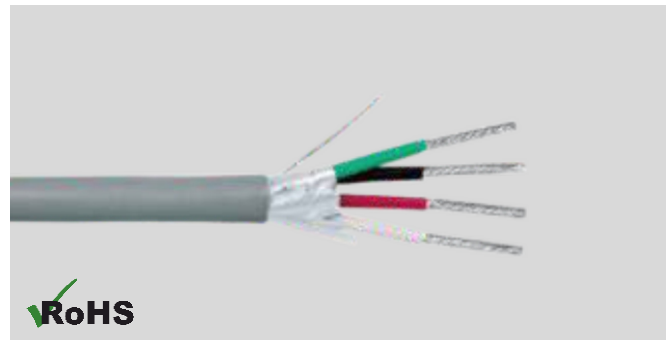


4 Core 22 AWG Stranded Tinned Copper Shielded Multi-Conductor Cable



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 Shield and PVC outer jacket.



CABLE CONSTRUCTION

Conductor

Stranded Tinned Copper

Shielding

100% Aluminium Foil - Polyester Tape

Outer Jacket

PVC (Polyvinyl Chloride)

Insulation

PE (High Density Polyethylene)

Drain Wire

Stranded Tinned Copper

Rip Cord

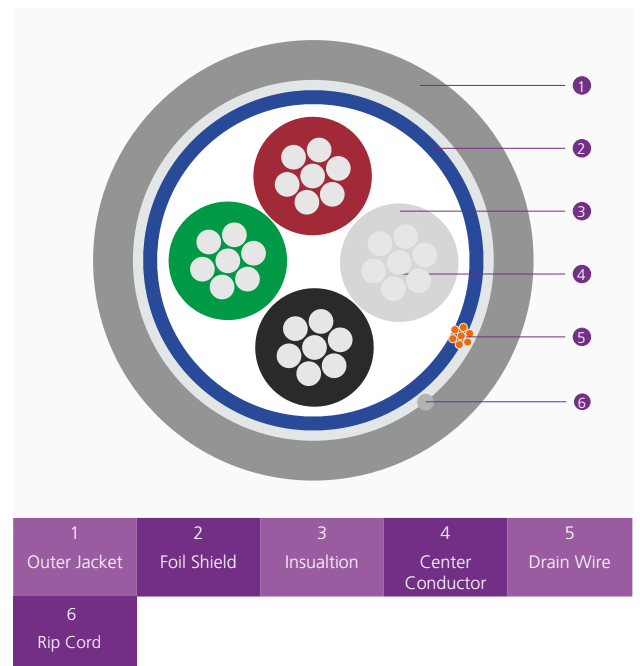
Yes

PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	4
Conductor Size	22 AWG , 7 x 0.25 mm
Insulation Diameter	1.4 ± 0.05 mm
Drain Wire Size	7 x 0.2 mm
Jacket Thickness	0.5 mm
Jacket Diameter	4.5 ± 0.3 mm
Max. Recommended Pulling Tension	147.11 N (15 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	≤ 53.2
Nom. Capacitance Cond. to Cond.	pF/m	45
Nom. Capacitance Cond. to Cond. & Shield	pF/m	90
Nom. Characteristic Impedance	Ω	100
Max. Recommended Current @ 25°C	A	6
Dielectric Strength between Pairs	KV/5min	1.5
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
Core 3	Red
Core 4	Green

ORDERING INFORMATION

Part Number	Description
7J- 3204221	4 Core 22 AWG Stranded Tinned Copper Shielded Multi-Conductor Cable