

10 Core 14 AWG 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, Aluminium – Polyester Foil Shield and PVC outer Jacket.



CABLE CONSTRUCTION

Conductor

Stranded Tinned Copper

Shielding

100% Al-Polyester Foil

Outer Jacket

PVC

Insulation

PE

Drain Wire

Stranded Tinned Copper

Jacket Color

Grey

PHYSICAL CHARACTERISTICS

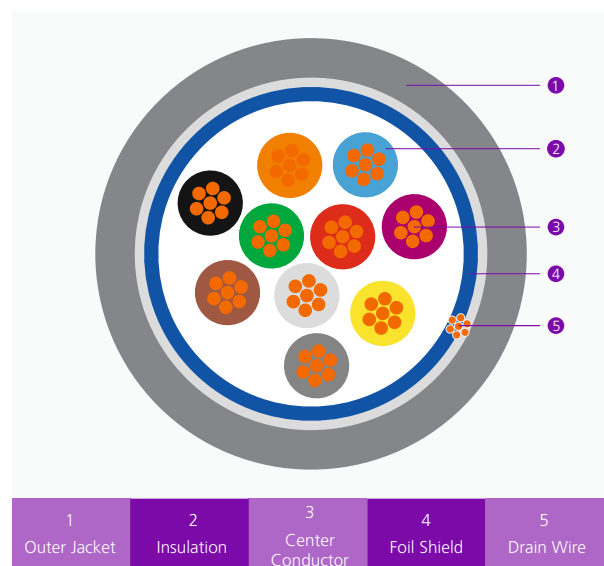
Characteristic	Value
No. of Conductor	10
Conductor Size	14 AWG , 19 x 0.36 mm
Insulation Thickness	0.3 mm
Insulation Diameter	2.4 ± 0.05 mm
Drain Wire Size	7 x 0.2 mm
Jacket Thickness	1.0 mm
Jacket Outer Diameter	11.0 ± 0.3 mm
Min. Bending Radius Minor Axis	15 x OD
Operating Temperature	-20°C to +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Conductor DC Resistance	Ω/km	9.4
Max. Operating Voltage	V	300
Sparker Test	VAC	3000

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC
Before Tensile Strength (Mpa)	16
Aging Elongation [%]	300
After Tensile Strength [% of unaged]	≥ 75 %
Aging Elongation [%]	75 %



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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	Grey

ORDERING INFORMATION

Part Number	Description
71-3210141	10 Core 14 AWG Shielded Multi Conductor Cable PVC