

6 Core 22 AWG Shielded Single Strand Solid Conductor Cable

The Shielded Single strand solid 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 LSZH outer jacket.



CABLE CONSTRUCTION

Conductor
Solid Bare Copper

Shielding
Aluminium foil-polyester tape

Outer Jacket
LSZH

Jacket Color
Grey

Insulation
PE (High Density Polyethylene)

Foil Coverage
100%

Drain Wire
Tinned Copper

PHYSICAL CHARACTERISTICS

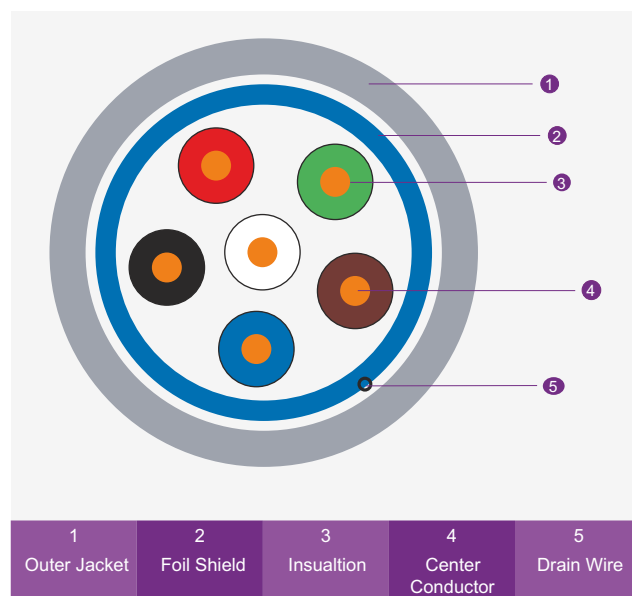
Characteristic	Value
No. of Conductor	6
Conductor Size	22 AWG, 0.64 mm
Insulation Diameter	1.3 mm
Drain Wire Size	7 x 0.20 mm
Jacket Thickness	0.45 mm
Jacket Diameter	5.2 mm
Max. Recommended Pulling Tension	242 N
Min. Bending Radius Minor Axis	8 x D mm
Operating Temperature	-10°C to +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	Ω/km	52.8
Nominal Resistance Shield	Ω/km	79
Nom. capacitance conductor to conductor	pF/m	65
Max. Operating Voltage UL	V/min	300

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	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



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 POLYNOR

INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	Red
Core 3	White
Core 4	Green
Core 5	Brown
Core 6	Blue

ORDERING INFORMATION

Part Number	Description
79-3206222	6 Core 22 AWG Shielded Single Strand Solid Conductor Cable LSZH, 305m