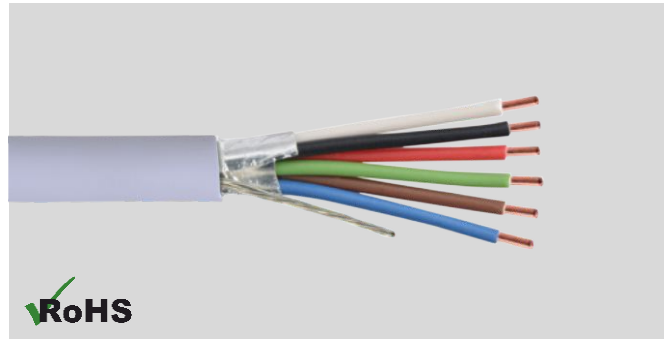


6 Core 18 AWG Shielded Multi Conductor Cable

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 or LSZH outer Jacket.



CABLE CONSTRUCTION

Conductor

Tinned Copper

Shielding

100% Aluminium Foil - Polyester Tape

Outer Jacket

PVC/LSZH/FR-PVC

Insulation

PE/PVC

Drain Wire

Tinned Copper

Jacket Color

Grey

PHYSICAL CHARACTERISTICS

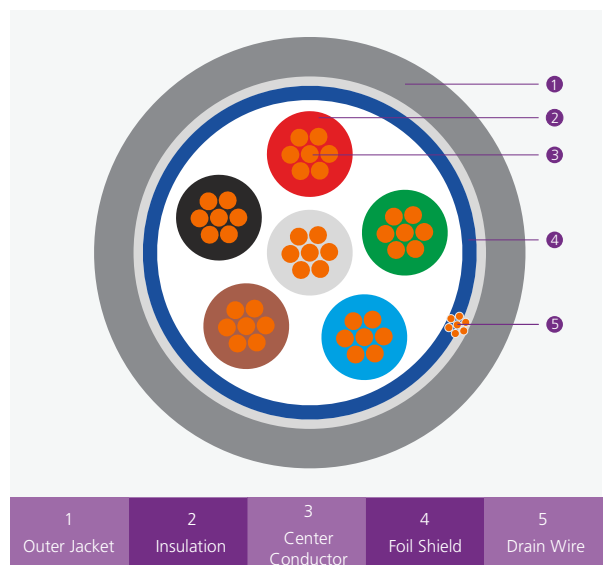
Characteristic	Value
No. of Conductor	6
Conductor Size	18 AWG 7x32
Insulation Thickness	0.2 mm
Drain Wire Size	24 AWG, 7 x 32
Nom. Jacket Thickness	0.4 mm
Nom. Jacket Outer Diameter	6.9 mm
Max. Recommended Pulling Tension	600 N
Min. Bending Radius Minor Axis	8xD mm
Operating Temperature	-10°C to +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	Ω/km	23.5
Nominal Resistance Shield	Ω/km	79.0
Nom. Capacitance Cond. to Cond.	pF/m	170
Max. Operating Voltage UL	V/rms	300

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC/LSZH/FR-PVC
Before Tensile Strength (Mpa)	≥ 13.8
Aging Elongation (%)	≥ 100
After Tensile Strength (Mpa)	≥ 85
Aging Elongation (%)	≥ 50
Cold Bend [-20±°C x 4 hrs]	No Crack



6 Core 18 AWG Shielded Multi Conductor Cable

INSULATION COLOUR CODE

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

ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
7H-3206182	6 Core 18 AWG Shielded Multi Conductor Cable LSZH, 305m	87.2

Note : Cable weight may vary depending on the specified parameters.