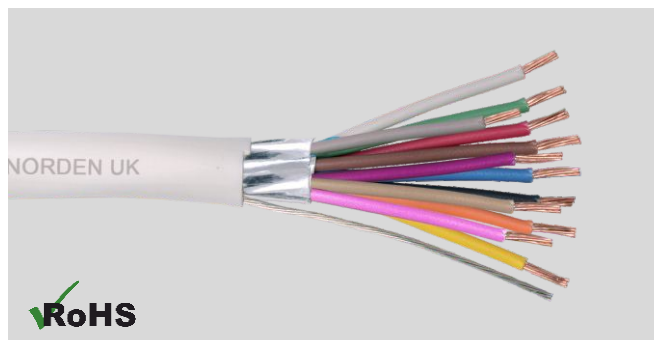


12 Core 18 AWG Shielded Multi Conductor Cable PE

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 PE outer jacket for external application.



CABLE CONSTRUCTION

Conductor

Stranded Bare Copper

Shielding

Al-Polyester Foil

Outer Jacket

PE

Insulation

PE (High Density Polyethylene)

Drain Wire

Tinned Copper

Jacket Color

Black

PHYSICAL CHARACTERISTICS

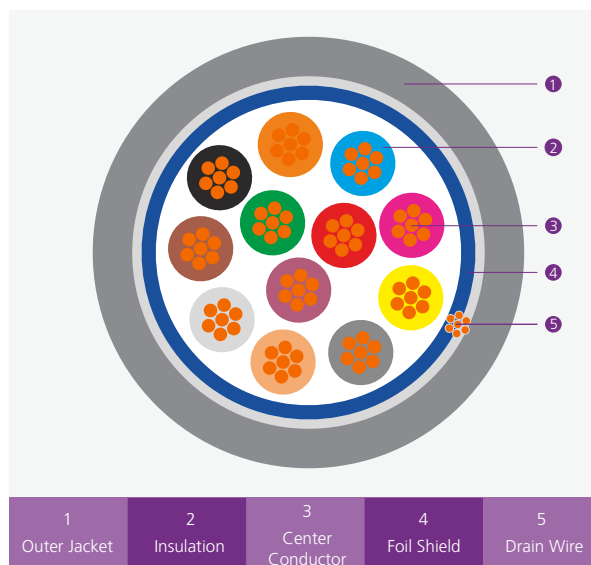
Characteristic	Value
No. of Conductor	12
Conductor Size	18AWG 7x0.2
Drain Wire Size	7 x 0.2mm
Jacket Thickness	9.2±0.3mm
Nom.Outer Jacket Diameter	0.8 mm
Min. Bending Radius	10xOD
Operating Temperature	-20°C to +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	Ω/km	21.3
Max. Operating Voltage	V/min	600

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PE
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



12 Core 18 AWG Shielded Multi Conductor Cable PE



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	Gray
Core 11	Pink
Core 12	Tan

ORDERING INFORMATION

Part Number	Description
71-3212184	12C 18 AWG Shielded Multi Conductor Cable PE 305M