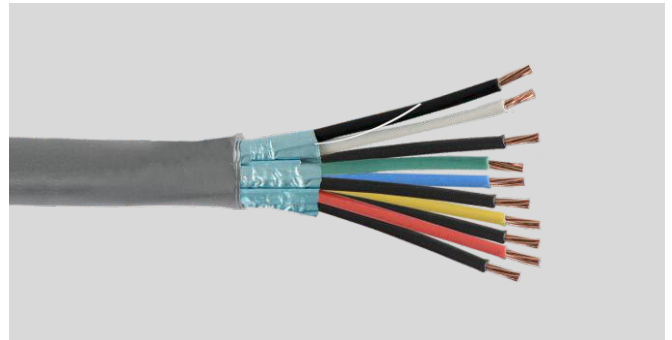


5 Pair 18 AWG Overall Foil Shielded Paired Cable

The Overall Foil Shielded Paired Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purpose. The cable is constructed with PE insulation and 100% Aluminium Foil – Polyester Tape Overall Shielded.



CABLE CONSTRUCTION

Conductor

Stranded Tinned Copper

Shielding

Al-Polyester Foil

Drain Wire

Stranded Tinned Copper

Outer Jacket

PVC

Insulation

PE (Polyethylene)

Foil Coverage

100%

Rip Cord

Yes

Jacket Color

Grey

PHYSICAL CHARACTERISTICS

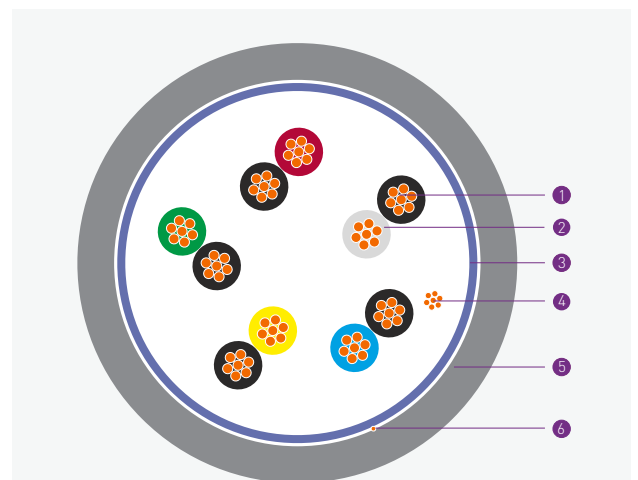
Characteristic	Value
No. of Pair	5
Conductor Size	7 X 0.4mm, 18 AWG
Insulation Diameter (+/-0.05mm)	1.8 ± 0.05mm
Insulation Thickness	0.3mm
Drain Wire Size	7 X 0.2mm
Jacket Thickness	0.9mm
Jacket Diameter	10.4 ± 0.4mm
Min. Bending Radius	10 X OD
Operating Temperature	-20°C to 60°C
Pulling Tension	300N

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	Ω/km	≤20.6
Max. Operating Voltage	V	300
Sparker Test	VAC	3000
Nom. Characteristic Impedance	Ω	45 ± 15
Nom. Capacitance Cond. to Cond.	pF/m	85 ± 20
Nom. Capacitance Cond. to Cond. Shield	pF/m	160 ± 20
Max. Recommended Current @ 25°C	Amps	5.2

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC
Before Tensile Strength (Mpa)	13.8
Aging Elongation (%)	100
After Tensile Strength (Mpa)	11.8
Aging Elongation (% unaged)	50
Cold Bend (-20±°C x 4 hrs)	No Crack



5 Pair 18 AWG Overall Foil Shielded Paired Cable

INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1	Black/Red
Pair 2	Black/White
Pair 3	Black/Green
Pair 4	Black/Blue
Pair 5	Black/Yellow

ORDERING INFORMATION

Part Number	Description
72-3205181	5 Pair 18 AWG Overall Foil Shielded Paired Cable PVC