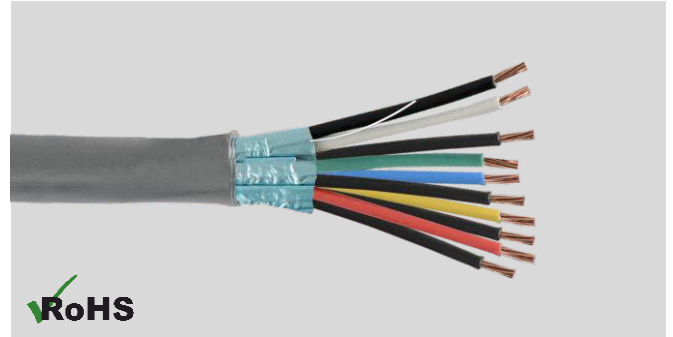


5 Pair 16 AWG Overall Foil Shielded Paired Cable

The 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 overall Shielded and PVC or LSZH outer jacket.



CABLE CONSTRUCTION

Conductor

Stranded Tinned Copper

Shielding

Al-Polyester Foil

Outer Jacket

PVC/LSZH

Jacket Color

Grey

Insulation

PE

Foil Coverage

100%

Drain Wire

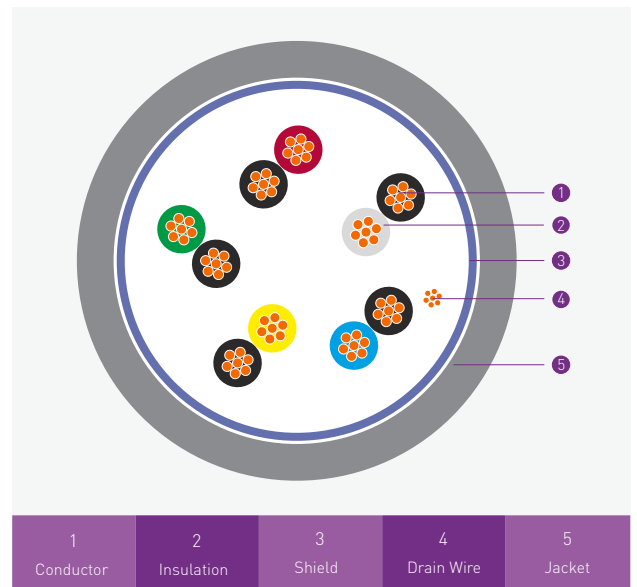
Stranded Tinned Copper

PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Pair	5
Conductor Size	16AWG, 26 x 0.25mm
Drain Wire Size	7 x 0.2mm
Insulation Thickness	0.4mm
Insulation Diameter	2.3±0.05mm
Jacket Thickness	1mm
Outer Jacket Diameter	14.5±0.4mm
Max. Recommended Pulling Tension	350 N
Min. Bending Radius (install)	15 x OD
Operating Temperature	-20°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Capacitance Cond. to Cond.	pF/m	50±15
Nom. Conductor DCR @ 20°C	Ω/Km	14.5
Nom. Characteristic Impedance	Ω	60±15
Nom. Capacitance Cond. to Cond. Shield	pF/m	90±15
Max. Recommended Current @ 25°C	A	8.5
Max. Operating Voltage UL	V	300
Sparker Test	VAC	3000



5 Pair 16 AWG Overall Foil Shielded Paired Cable

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC /LSZH
Before Tensile Strength (Mpa)	16
Aging Elongation (%)	300
After Tensile Strength (Mpa)	≥12
Aging Elongation (%)	75
Cold Bend [-20±°C x 4 hrs]	No Crack

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
72-3205161	5 Pair 16 AWG Overall Foil Shielded Paired Cable PVC,305m
72-3205162	5 Pair 16 AWG Overall Foil Shielded Paired Cable LSZH, 305m