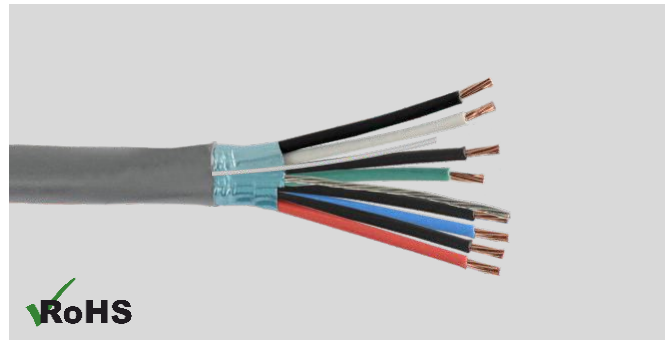


4 Pair 16AWG Overall Foil Shielded Paired Cable

The Shielded Paired 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
100% Al-Polyester Foil

Rip Cord
Yes

Jacket Color
Grey

Insulation
PE (Polyethylene)

Drain Wire
Stranded Tinned Copper

Outer Jacket
PVC or LSZH

PHYSICAL CHARACTERISTICS

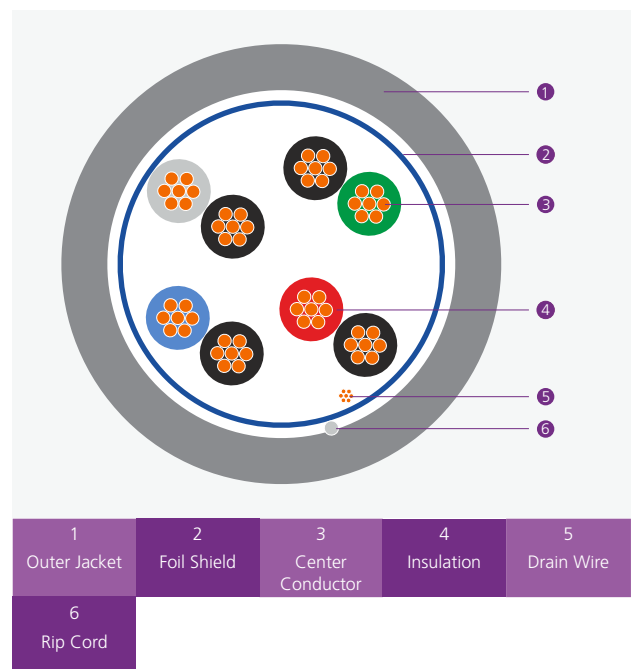
Characteristic	Value
No. of Pair	4
Conductor Size	16 AWG , 26 x 0.25 mm
Insulation Diameter	2.3 ± 0.05 mm
Insulation Thickness	0.4 mm
Drain Wire Size	7 x 0.25 mm
Jacket Thickness	0.9 mm
Outer Jacket Diameter	12.9 ± 0.4 mm
Min. Bending Radius (Install)	15 x OD
Operating Temperature	-20°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DC Resistance	Ω/km	14.5
Nom. Capacitance Cond. to Cond.	pF/m	50 ± 15
Nom. Capacitance Cond. to Shield	pF/m	90 ± 15
Characteristics Impedance	Ω	60 ± 15
Insulation Resistance	MΩ.km	≥5000
Max. Operating Voltage	V	300
Sparker Test	VAC	3000

MECHANICAL CHARACTERISTICS

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



4 Pair 16AWG 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

ORDERING INFORMATION

Part Number	Description
72-3204161	4 Pair 16AWG Overall Foil Shielded Paired Cable PVC
72-3204162	4 Pair 16AWG Overall Foil Shielded Paired Cable LSZH