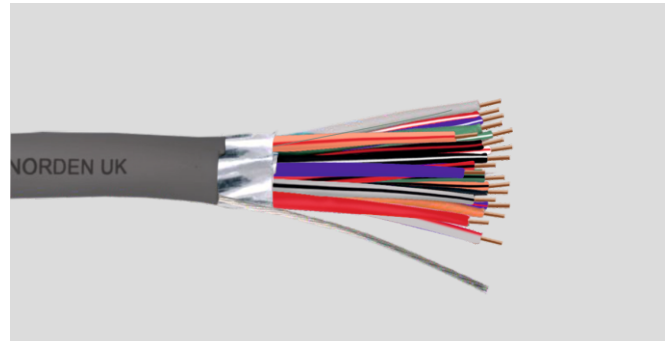


19 Core 16 AWG Shielded Solid Conductor Cable



The Shielded Solid Conductor Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purpose. The cable is constructed with PE Insulation, Aluminium Foil – Polyester Tape Shielded and LSZH outer jacket.



CABLE CONSTRUCTION

Conductor
Solid Bare Copper

Outer Jacket
LSZH

Jacket Color
Grey

Insulation
PE

Drain Wire
Solid Tinned Copper

LSZH Standard Compliance
IEC 60754-1 (Emission of Halogen)
IEC 60754-2 (Corrosivity)
IEC 61034-1 (Emission of Smoke)

Shielding
Aluminium-Polyester Foil

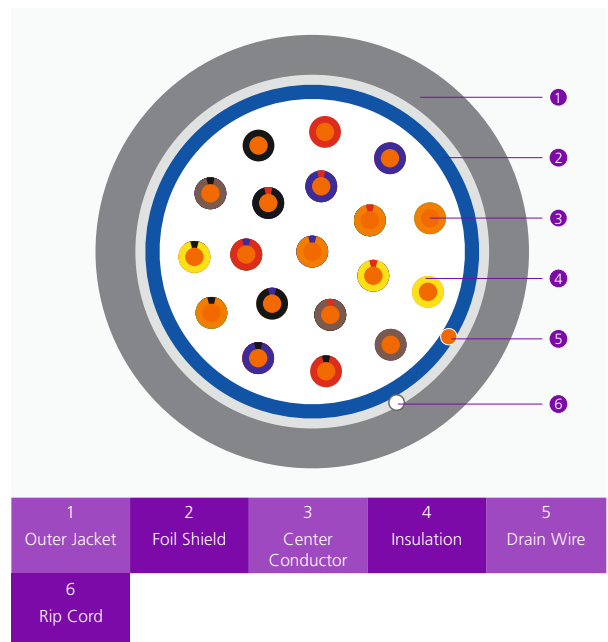
Rip Cord
Nylon

PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	19
Conductor Size	16 AWG, 1.38mm
Insulation Diameter	2.3±0.05mm
Insulation Thickness	0.46±0.05mm
Drain Wire Size	0.8mm
Jacket Thickness	1.6mm
Jacket Diameter	14.8±0.3mm
Max. Recommended Pulling Tension	100N
Min. Bending Radius	10XOD
Operating Temperature	-20°C To +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Capacitance Cond. to Cond.	pF/m	55.0
Nom. Conductor DCR	Ω/km	12.0
Nom. Capacitance Cond. to Cond. & Shield	pF/m	130.0
Dielectric Strength between Pairs: Short or open of the loop	KV/1min	1.0
	Shield	KV/1min
Max. Operating Voltage	V	300



19 Core 16 AWG Shielded Solid Conductor Cable



MECHANICAL CHARACTERISTICS

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

INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	Red
Core 3	Blue
Core 4	Orange
Core 5	Yellow
Core 6	Brown
Core 7	Red/Black Stripe
Core 8	Blue/Black Stripe
Core 9	Orange/Black Stripe
Core 10	Yellow/Black Stripe

Individual Core	Colour
Core 11	Brown/Black Stripe
Core 12	Black/Red Stripe
Core 13	Blue/Red Stripe
Core 14	Orange/Red Stripe
Core 15	Yellow/Red Stripe
Core 16	Brown/Red Stripe
Core 17	Black/Blue Stripe
Core 18	Red/Blue Stripe
Core 19	Orange/Blue Stripe

ORDERING INFORMATION

Part Number	Description
79-3219162	19 Core 16 AWG Shielded Solid Conductor Cable LSZH, 305m