

18 AWG 1-PAIR TWISTED SCREENED INSTRUMENT LSZH CABLE

Description

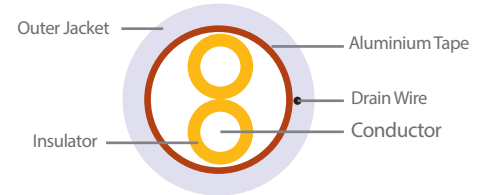
18 AWG stranded Tinned Copper Conductor cover with Polyethylene (PE) insulation. Overall screened has a coverage of 125%. A 20 AWG stranded Tinned Copper Drain Wire is located between the shield and the Outer LSZH jacket.

Application

Control and
Instrument Wiring

Standard

- CM
- RoHS
- IEC 60754-1
- IEC 61034-2



Physical Specifications

Conductor	
No. of Pairs	1
Total No. of Conductors	2
AWG	18
Stranding	16 x 30
Conductor Material	Tinned Copper
Insulation	
Material	PE-Polyethylene
Nom. Thickness	0.018"
Lay Length	1.5"
Twists/ft	8
Pair Colour Code	
1	Black & White

Outer Shield	
Material	Aluminium Foil-Polyester Tape
Coverage	100%
Outer Shield Drain Wire	
AWS	20
Stranding	7 x 28
Material	Tinned Copper

Outer Jacket	
Material	LSZH
Nom. Jacket Thickness	0.028"
Nom. Overall Diameter	0.222" (1-pair)

Electrical Characteristics

Nom. Characteristics Impedance	57 Ω
Nom. Inductance	0.18 μ H/ft
Nom. Cap. Cond. to Cond. @ 1KHz	30 pF/ft
Nom. Cap. Cond. to other Cond. & Shield @ 1KHz	43.9 pF/ft
Nom. Conductors DC Resistance @ 20°C	7.2 Ω /1000ft
Max. Operating Voltage	300V RMS
Max Recommended Current	4.9A per cond. @ 25°C

Mechanical Characteristics

Operating Temperature Range	-20°C to 75°C
Temperature Rating	75°C
Max Pulling Tension	41.6 lbs
Min. Bend Radius	2.25"

Ordering information

Part No.	Description
RCI-18F101P-1yx	18 AWG 1-pair Twisted Screened Instrument Cable, LSZH Jacket, 305m
RCI-18F101P-2yx	18 AWG 1-pair Twisted Screened Instrument Cable, LSZH Jacket, 500m/drum

*y = 0 - blue, 1 - orange, 2 - aqua, 3 - brown, 4 - grey, 5 - white, 6 - red, 7 - black, 8 - yellow, 9 - purple.

*x = A, P