

14 AWG 1-PAIR TWISTED SCREENED INSTRUMENT CABLE

Description

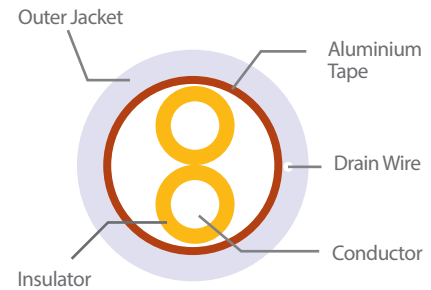
14 AWG stranded Tinned Copper Conductor cover with Polyethylene (PE) insulation. Overall screened has a coverage of 125%. A 16 AWG stranded Tinned Copper Drain Wire is located between the shield and the Outer PVC or LSZH jacket.

Application

Control and
Instrument Wiring

Standard

- UL CM CL2
- RoHS
- IEC 60754-1 (LSZH)
- IEC 61034-2 (LSZH)



Physical Specifications

Conductor	
No. of Pairs	1
Total No. of Conductors	2
AWG	14
Stranding	19 x 27
Conductor Material	Tinned Copper
Insulation	
Material	PE-Polyethylene
Nom. Thickness	0.032"
Lay Length	20"
Twists/ft	6
Pair Colour Code	
1	Black & Clear
Outer Shield	
Material	Aluminium Foil-Polyester Tape
Coverage	125%
Outer Shield Drain Wire	
AWS	16
Stranding	19 x 29
Material	Tinned Copper

Outer Jacket	
Material	PVC or LSZH
Nom. Jacket Thickness	0.035"
Nom. Overall Diameter	0.035"

Electrical Characteristics

Nom. Characteristics Impedance	58 Ω
Nom. Inductance	0.2 μ H/ft
Nom. Cap. Cond. to Cond. @ 1KHz	24 pF/ft
Nom. Cap. Cond. to other Cond. & Shield @ 1KHz	47 pF/ft
Nom. Conductors DC Resistance @ 20°C	2.9 Ω /1000ft
Max. Operating Voltage	600V RMS
Max Recommended Current	9.5A per cond. @ 25°C

Mechanical Characteristics

Operating Temperature Range	-20°C to 80°C
Temperature Rating	80°C
Max Pulling Tension	160 lbs
Min. Bend Radius	3.4"

Ordering information

Part No.	Description
RCI-14F301P-1yx	14 AWG 1-pair Twisted Screened Instrument Cable, PVC Jacket, 305m
RCI-14F101P-1yx	14 AWG 1-pair Twisted Screened Instrument Cable, LSZH Jacket, 305m

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

*x = A, P