

22 AWG 1-PAIR/2-PAIRS TWISTED SCREENED INSTRUMENT CABLE

Description

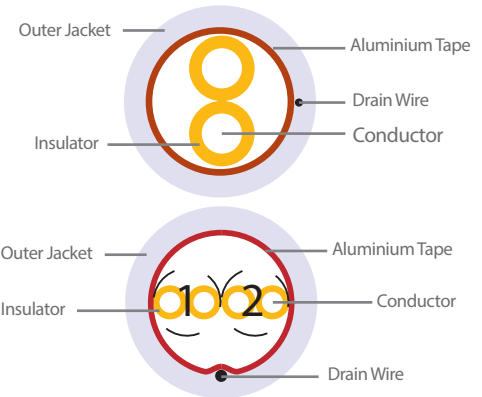
22 AWG stranded Tinned Copper Conductor cover with Polyethylene (PE) insulation. Overall screened has a coverage of 125%. A 22 AWG stranded Tinned Copper Drain Wire is located between the shield and the Outer PVC.

Application

Control and
Instrument Wiring

Standard

- UL CM CL2
- RoHS



Physical Specifications

Conductor	
No. of Pairs	1 / 2
Total No. of Conductors	2 / 4
AWG	22
Stranding	7 x 30
Conductor Material	Tinned Copper

Insulation	
Material	PE-Polyethylene
Nom. Thickness	0.016"
Lay Length	1.5"
Twists/ft	8

Pair Colour Code	
1	Black & White
2	Red & Black Green & White

Outer Shield	
Material	Aluminium Foil- Polyester Tape
Coverage	125%

Outer Shield Drain Wire	
AWS	22
Stranding	7 x 30
Material	Tinned Copper

Outer Jacket	1-Pair	2-Pair
Material	PVC	
Nom. Jacket Thickness	0.025"	0.032"
Nom. Overall Diameter	0.175"	0.233"

Electrical Characteristics

Nom. Characteristics Impedance	64 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	18.2 Ω /1000ft
Max. Operating Voltage	300V RMS
Max Recommended Current	2.9A per cond. @ 25°C

Mechanical Characteristics

Operating Temperature Range	-20°C to 80°C
Temperature Rating	80°C
Max Pulling Tension	13 kg
Min. Bend Radius	1.75"

Ordering information

Part No.	Description
RCI-22F301P-1yx	22 AWG 1-pair Twisted Screened Instrument Cable, PVC Jacket, 305m
RCI-22F302P-1yx	22 AWG 2-pairs Twisted Screened Instrument Cable, PVC 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