

# 22 AWG 1-PAIR/2-PAIRS SCREENED INSTRUMENT LSZH CABLE

## Description

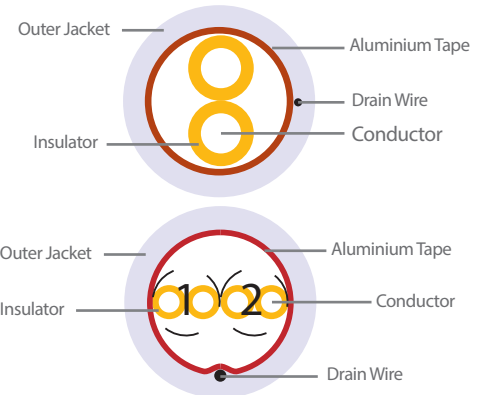
22 AWG stranded Tinned Copper Conductor cover with Polyethylene (PE) insulation. Overall screened has a coverage of 100%. Drain Wire is located between the shield and the Outer LSZH jacket.

### Application

Control and  
Instrument Wiring

### Standard

RoHS	CM
IEC 60332-1-2	IEC 60332-3-24
IEC 60754-1	IEC 60754-2
CENELEC EN50290-2-27	



## 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	0.43mm
Nom Diameter	1.57mm
Diameter ± Tolerance	0.05mm
Pair Colour Code	
1	Black & White
2	Red & Black Green & White
Outer Shield	
Material	Aluminium Foil- Polyester Tape
Coverage	100%
Outer Shield Drain Wire	
AWG	7 x 22
Construction	Stranded
Material	Tinned Copper

Outer Jacket	1-Pair	2-Pair
Material	LSZH	
Nom. Jacket Thickness	0.035"	0.043"
Nom. Overall Diameter	0.195"	0.22"

## Electrical Characteristics

Nom. Characteristics Impedance	63 Ω
Nom. Inductance	0.65μH/m
Nom. Cap. Cond. to Cond. @ 1KHz	78 pF/m
Nom. Cap. Cond. to other Cond. & Shield @ 1KHz	153 pF/m
Nom. Conductors DC Resistance @ 20°C	52 Ω/Km
Max. Operating Voltage	300V RMS
Max Recommended Current	2.9A per cond. @ 25°C

## Mechanical Characteristics

Operating Temperature Range	-15°C to 80°C
Temperature Rating	80°C
Max Pulling Tension	25.5 lbs
Min. Bend Radius	1.8"

## Ordering information

Part No.	Description
RCI-22F101P-1yx	22 AWG 1-pair Twisted Screened Instrument Cable, LSZH Jacket, 305m
RCI-22F102P-1yx	22 AWG 2-pairs 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