

# 301-CI9402-0500 Multi-Conductor – Shield Twisted Pair Cable





## DECRIPTION

18 AWG stranded (16x30) tinned copper conductor, polyethylene insulation, twisted pair, aluminum shield (125% coverage), 20 AWG stranded tinned copper drain wire, PVC jacket.

## APPLICATION

Multipair Audio, Control and Instrumentation Cable for Industrial, Data, Interconnect and Analogue Audio used.

## PHYSICAL CHARACTERISTICS

Conductor

#### AWG

Pair	AWG	Stranding	Conductor Material
2	18	16x30	TC – Tinned Copper

## Insulation

#### **Insulation Material**

Insulation Material	Wall Thickness (mm)
PE – Polyethylene	0.48

## **Outer Shield**

## **Outer Shield Material**

Туре	Outer Shield Material	Coverage
Tape	Aluminum Mylar	125%

## **Outer Shield Drain Wire AWG**

AWG	Stranding	Drain Wire Conductor Material
20	7x28	TC – Tinned Copper

## **Outer Jacket**

Outer Jacket Material		
Outer Jacket Material	Nom. Wall Thinkness (mm)	
PVC – Polivinyl Choloride	0.75	

## **Overall Cabling**

Overall Nominal Diameter : 7.5 mm

## Pair

## Pair Color Code Chart

Number	Color
1	Black & Red
2	Black & White



## **Mechanical Characteristics (Overall Cable)**

Operating Temperature Range	-20°C to 60°C
Temperature Rating	60°C
Max Pulling Tension	38 Kg
Min. Bend Radius	60.15 mm

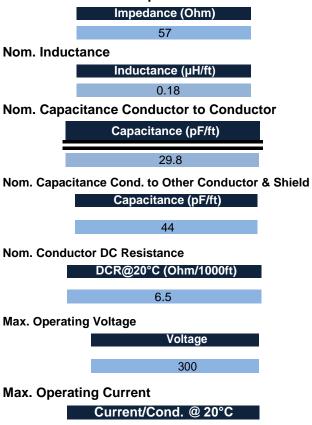
## Applicable Specifications and Agency Compliance (Overall Cable)

Applicable Standards

EU CE Mark (Y/N)	Yes
EU Directive 2002/95/EC (RoHS) (Y/N)	Yes
EU RoHS (Y/N)	Yes

## **Electrical Characteristics (Overall Cable)**

Nom. Characteristic Impedance



5,2A



## Part Number

301-CI9402-0500

2 Pair 18 AWG Shielded Twisted Cable

## **Product Family**

_	301-CI9401-0500	1 Pair 18 AWG Shielded Twisted Cable
	301-CI9402-0500	2 Pair 18 AWG Shielded Twisted Cable
	301-CI9404-0500	4 Pair 18 AWG Shielded Twisted Cable

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