

## 9501 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information  
please call

1-800-Belden1



### Description:

24 AWG stranded (7x32) TC conductors, semi-rigid PVC insulation, twisted pairs, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain Wire, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
1	24	7x32	TC - Tinned Copper

#### Insulation

##### Insulation Material:

Insulation Material
S-R PVC - Semi-Rigid Polyvinyl Chloride

#### Outer Shield

##### Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

##### Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire	Conductor Material
24	7x32		TC - Tinned Copper

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

#### Overall Cable

Overall Nominal Diameter: 0.156 in.

#### Pair

##### Pair Color Code Chart:

Number	Color
1	Black & Red

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	12.400 lbs/1000 ft.
Max. Recommended Pulling Tension:	11 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.750 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG

## 9501 Multi-Conductor - Computer Cable for EIA RS-232 Applications

**AWM Specification:** UL Style 2464 (300 V 80°C)

**CSA Specification:** AWM I A

**EU CE Mark:** Yes

**EU Directive 2000/53/EC (ELV):** Yes

**EU Directive 2002/95/EC (RoHS):** Yes

**EU RoHS Compliance Date (mm/dd/yyyy):** 04/01/2005

**EU Directive 2002/96/EC (WEEE):** Yes

**EU Directive 2003/11/EC (BFR):** Yes

**CA Prop 65 (CJ for Wire & Cable):** Yes

**MII Order #39 (China RoHS):** Yes

### Flame Test

**C(UL) Flame Test:** FT4

### Plenum/Non-Plenum

**Plenum (Y/N):** No

**Plenum Number:** 88641, 82641

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

**Impedance (Ohm)**

75

### Nom. Inductance:

**Inductance (µH/ft)**

0.19

### Nom. Capacitance Conductor to Conductor:

**Capacitance (pF/ft)**

40

### Nom. Capacitance Cond. to Other Conductor & Shield:

**Capacitance (pF/ft)**

74

### Nominal Velocity of Propagation:

**VP (%)**

60

### Nom. Conductor DC Resistance:

**DCR @ 20°C (Ohm/1000 ft)**

24

### Nominal Outer Shield DC Resistance:

**DCR @ 20°C (Ohm/1000 ft)**

18

### Max. Operating Voltage - UL:

**Voltage**

300 V RMS (UL AWM Style 2464)

### Max. Recommended Current:

**Current**

2.2 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9501 060U1000	1,000 FT	14.000 LB	CHROME		2 #24 PVC FS PVC
9501 060U500	500 FT	7.500 LB	CHROME		2#24 PVC FS PVC

## 9501 Multi-Conductor - Computer Cable for EIA RS-232 Applications

9501 060100	100 FT	2.000 LB	CHROME		2 #24 PVC FS PVC
9501 0601000	1,000 FT	14.000 LB	CHROME	C	2 #24 PVC FS PVC
9501 060500	500 FT	7.000 LB	CHROME		2 #24 PVC FS PVC
9501 0605000	5,000 FT	65.000 LB	CHROME		2 #24 PVC FS PVC

**Notes:**

C = CRATE REEL PUT-UP.

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<http://moschip.ru/get-element>

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