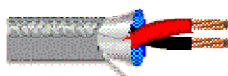


## 9501 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information  
please call

1-800-Belden1



### General 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

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.279

#### 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	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.813

#### Overall Cable

Overall Nominal Diameter: 3.962 mm

#### 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: 17.858 Kg/Km

Max. Recommended Pulling Tension: 48.930 N

Min. Bend Radius/Minor Axis: 44.450 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG

CEC/C(UL) Specification: CMG

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

EU Directive 2011/65/EU (ROHS II): Yes

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

## METRIC MEASUREMENT VERSION

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

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
Other Specification:	CSA AWM I/II A

#### Flame Test

UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4

#### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	88641, 82641

#### Electrical Characteristics (Overall)

##### Nom. Inductance:

**Inductance (µH/m)**  
0.62339

##### Nom. Capacitance Conductor to Conductor:

**Capacitance (pF/m)**  
131.24

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

**Capacitance (pF/m)**  
242.794

##### Nominal Velocity of Propagation:

**VP (%)**  
60

##### Nom. Conductor DC Resistance:

**DCR @ 20°C (Ohm/km)**  
78.744

##### Nominal Outer Shield DC Resistance:

**DCR @ 20°C (Ohm/km)**  
59.058

##### 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	7.000 LB	CHROME		2#24 PVC FS PVC
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 06010000	10,000 FT	130.000 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.

Revision Number: 2    Revision Date: 11-27-2012

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**METRIC MEASUREMENT VERSION**

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

product.  
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).