

## 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 Cabling**

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:	18.454 Kg/Km
Max. Recommended Pulling Tension:	48.930 N
Min. Bend Radius (Install)/Minor Axis:	44.450 mm

**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)
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CSA Specification:	AWM I A
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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**Flame Test**

C(UL) Flame Test:	FT4
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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Plenum Number:	88641, 82641
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**Electrical Characteristics (Overall)****Nom. Characteristic Impedance:**

Impedance (Ohm)
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75
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**Nom. Inductance:**

Inductance (µH/m)
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0.62339
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**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/m)
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131.24
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**Nom. Capacitance Cond. to Other Conductor & Shield:**

Capacitance (pF/m)
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242.794
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**Nominal Velocity of Propagation:**

VP (%)
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60
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**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)
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78.744
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**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/km)
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59.058
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**Max. Operating Voltage - UL:**

Voltage
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300 V RMS (UL AWM Style 2464)
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**Max. Recommended Current:**

Current
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2.2 Amps per conductor @ 25°C
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**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

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

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9501 060U1000	305 MT	6.350 KG	CHROME		2 #24 PVC FS PVC
9501 060U500	152 MT	3.402 KG	CHROME		2#24 PVC FS PVC
9501 060100	30 MT	0.907 KG	CHROME		2 #24 PVC FS PVC
9501 0601000	305 MT	6.350 KG	CHROME	C	2 #24 PVC FS PVC
9501 060500	152 MT	3.175 KG	CHROME		2 #24 PVC FS PVC
9501 0605000	1,524 MT	29.484 KG	CHROME		2 #24 PVC FS PVC

**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 1    Revision Date: 05-14-2007

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