

## 9510 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 (continued), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
10	24	7x32	TC - Tinned Copper

Total Number of Conductors: 20

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.011

#### Outer Shield

##### Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	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 (in.)
PVC - Polyvinyl Chloride	0.034

#### Overall Cable

Overall Nominal Diameter: 0.368 in.

#### Pair

##### Pair Color Code Chart:

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown
7	Black & Orange
8	Red & White
9	Red & Green
10	Red & Blue

### Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C

Non-UL Temperature Rating: 80°C (UL AWM Style 2464)

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<b>Bulk Cable Weight:</b>	68 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	110 lbs.
<b>Min. Bend Radius/Minor Axis:</b>	3.750 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>NEC/(UL) Specification:</b>	CMG
<b>CEC/C(UL) Specification:</b>	CMG
<b>AWM Specification:</b>	UL Style 2464 (300 V 80°C)
<b>CSA Specification:</b>	AWM I A
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	04/01/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

#### Flame Test

<b>UL Flame Test:</b>	UL1685 FT4 Loading
<b>C(UL) Flame Test:</b>	FT4

#### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	No
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### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

<b>Capacitance (pF/ft)</b>
30

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

<b>Capacitance (pF/ft)</b>
50

#### Nominal Velocity of Propagation:

<b>VP (%)</b>
60

#### Nom. Conductor DC Resistance:

<b>DCR @ 20°C (Ohm/1000 ft)</b>
24

#### Nominal Outer Shield DC Resistance:

<b>DCR @ 20°C (Ohm/1000 ft)</b>
16.5

#### Max. Operating Voltage - UL:

<b>Voltage</b>
300 V RMS

#### Max. Recommended Current:

<b>Current</b>
1.1 Amps per conductor @ 25°C

### Put Ups and Colors:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
9510 060100	100 FT	7.600 LB	CHROME		10 PR #24 PVC FS PVC
9510 0601000	1,000 FT	75.000 LB	CHROME	C	10 PR #24 PVC FS PVC
9510 060500	500 FT	39.000 LB	CHROME	C	10 PR #24 PVC FS PVC

**Notes:**

C = CRATE REEL PUT-UP.

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#### Как с нами связаться

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