# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



# 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	<b>Conductor Material</b>
10	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®	Таре	Aluminum Foil-Polyester Tape w/Shorting Fold	100

#### **Outer Shield Drain Wire AWG:**

AWG	Stranding	<b>Drain Wire Conductor Material</b>
24	7x32	TC - Tinned Copper

### **Outer Jacket**

#### **Outer Jacket Material:**

# Outer Jacket Material PVC - Polyvinyl Chloride

#### **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)		
Bulk Cable Weight:	69 lbs/1000 ft.		

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Max. Recommended Pulling Tension:	110 lbs.
Min. Bend Radius (Install)/Minor Axis:	3.750 in.

#### **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) **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 **UL Flame Test:** UL1685 FT4 Loading C(UL) Flame Test: FT4

No

# **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:



Plenum/Non-Plenum Plenum (Y/N):

Nom. Capacitance Conductor to Conductor:



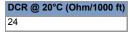
Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 16.5

Max. Operating Voltage - UL:

Voltage 300 V RMS (UL AWM Style 2464)

Max. Recommended Current:

Current
1.1 Amps per conductor @ 25°C

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#### **Related Documents:**

No related documents are available for this product

#### **Put Ups and Colors:**

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	С	10 PR #24 PVC FS PVC
9510 060500	500 FT	39.000 LB	CHROME	С	10 PR #24 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

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

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