

**9501 Paired - Computer Cables for EIA RS-232 Applications**

	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p><b>Color Code Chart : No. 3 for Paired Cables (Belden Standard).pdf</b></p>
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**Description:**

24 AWG stranded (7x32) tinned copper conductors, twisted pairs, S-R PVC insulated, 100% Beldfoil® shield, 24 AWG stranded (7x32) tinned copper drain wire, PVC jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Pairs	1
Total Number of Conductors	2
AWG	24
Stranding	7x32
Conductor Material	TC - Tinned Copper

**INSULATION:**

Insulation Material	S-R PVC - Semi-Rigid Polyvinyl Chloride
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**PAIR:**

Pair Color Code Chart :

Number	Color
1	Black & Red

**OUTER SHIELD:**

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

**OUTER SHIELD DRAIN WIRE :**

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

**OUTER JACKET:**

Outer Jacket Material	PVC - Polyvinyl Chloride
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**OVERALL NOMINAL DIAMETER:**

Overall Nominal Diameter	.156 in.
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**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-30°C To +80°C
Temperature Rating	80°C
Bulk Cable Weight	12.4 lbs/1000 ft.
Max. Recommended Pulling Tension	11 lbs.
Min. Bend Radius (Install)	1.75 in.

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**

**APPLICABLE STANDARDS:**

NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
AWM Specification	2464
CSA Specification	AWM I A

**FLAME TEST:**

C(UL) Flame Test	FT4
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**PLENUM/NON-PLENUM:**

Plenum (Y/N)	N
Plenum Number	88641, 82641

**ELECTRICAL CHARACTERISTICS:**

Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	0.19 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	40 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	74 pF/ft
Nominal Velocity of Propagation	60 %
Nom. Conductor DC Resistance @ 20 Deg. C	24 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	18 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Other Maximum Continuous Currents	2.2 Amps per conductor @ 25°C

**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9501 060100	2 #24 PVC FS PVC	100	2.1	CHROME	
9501 0601000	2 #24 PVC FS PVC	1000	14	CHROME	
9501 060500	2 #24 PVC FS PVC	500	7	CHROME	



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9501 060U1000	2 #24 PVC FS PVC	U1000	14	CHROME	
9501 060U500	2#24 PVC FS PVC	U500	7.5	CHROME	

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