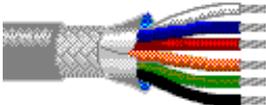


**9946 Non-Paired - Computer Cable for EIA RS-232 Applications**

	<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. 1.pdf</b></p>
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**Description:**

22 AWG stranded (7x30) tinned copper conductors, S-R PVC insulation, overall 100% Beldfoil® aluminum-polyester shield (+65% tinned copper braid shield), PVC jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Conductors	10
Total Number of Conductors	10
AWG	22
Stranding	7x30
Conductor Material	TC - Tinned Copper

**INSULATION:**

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

Overall Cabling Color Code Chart :

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

**OUTER SHIELD:**

Outer Shield Material Trade Name	Beldfoil® (Z-Fold®)
Outer Shield Type	Tape/Braid
Outer Shield Material :	

**9946 Non-Paired - Computer Cable for EIA RS-232 Applications**

Layer Number	Material Trade Name	Type	Material	% Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	65

Outer Shield % Coverage 100 %

**OUTER JACKET:**

Outer Jacket Material PVC - Polyvinyl Chloride

**OVERALL NOMINAL DIAMETER:**

Overall Nominal Diameter .300 in.

**MECHANICAL CHARACTERISTICS:**

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

UL Temperature Rating 80°C (UL AWM Style 2464)

Bulk Cable Weight 63 lbs/1000 ft.

Min. Bend Radius (Install) 3 in.

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**

**APPLICABLE STANDARDS:**

NEC/(UL) Specification CMG

CEC/C(UL) Specification CMG

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

**FLAME TEST:**

UL Flame Test UL1581 Vertical Tray

C(UL) Flame Test FT4

**PLENUM/NON-PLENUM:**

Plenum (Y/N) N

**ELECTRICAL CHARACTERISTICS:**

Nom. Capacitance Conductor to Conductor @ 1 KHz 35 pF/ft

Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz 63 pF/ft

Nom. Conductor DC Resistance @ 20 Deg. C 14.7 Ohms/1000 ft

Nominal Outer Shield DC Resistance @ 20 Deg. C 4.6 Ohms/1000 ft

Max. Operating Voltage - UL 300 V RMS (UL AWM Style 2464)

Other Maximum Continuous Currents 2.1 Amps per conductor @ 25°C

**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9946 060100	10 #22 PVC SH PVC	100	6.6	CHROME	
9946 0601000	10 #22 PVC SH PVC	1000	62	CHROME	C



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**9946 Non-Paired - Computer Cable for EIA RS-232 Applications**

9946 060500	10 #22 PVC SH PVC	500	31.5	CHROME	C
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C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 01-30-2004

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