

**BELDEN**Cable™

**9533 Non-Paired - Computer Cable for EIA RS-232 Applications**

 	<p><b>For more information please call</b>  <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:**

24 AWG stranded (7x32) tinned copper conductors, conductors cabled, semi-rigid PVC insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Conductors	3
Total Number of Conductors	3
AWG	24
Stranding	7x32
Conductor Material	TC - Tinned Copper

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

**INSULATION:**

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.010 in.

**OVERALL CABLING:**

Overall Cabling Lay Length	1.50 in.
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Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	3	Red
2	White		

**OUTER SHIELD:**

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %
Outer Shield Drain Wire AWG	24
Outer Shield Drain Wire Stranding	7x32
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

**OUTER JACKET:**



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Outer Jacket Material Trade Name	Beldfoil®
Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.032 in.

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**OVERALL NOMINAL DIAMETER:**

Overall Nominal Diameter	.162 in.
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**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-30°C To +80°C
UL Temperature Rating	80°C (UL AWM Style 2464)
Bulk Cable Weight	16 lbs/1000 ft.
Max. Recommended Pulling Tension	16.5 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	UL Style 2464 (300 V 80°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

**FLAME TEST:**

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

Plenum (Y/N)	N
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**ELECTRICAL CHARACTERISTICS:**

Nom. Capacitance Conductor to Conductor @ 1 KHz	33 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	65 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	25 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	18 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2464)
Max. Recommended Current	1.75 Amps per conductor @ 25°C

**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9533 060100	3 #24 PVC FS PVC	100	2.7	CHROME	
9533 0601000	3 #24 PVC FS PVC	1000	18	CHROME	C

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9533 060500	3 #24 PVC FS PVC	500	9	CHROME	
9533 060U1000	3 #24 PVC FS PVC	U1000	17	CHROME	
9533 060U500	3 #24 PVC FS PVC	U500	9	CHROME	

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 05-25-2005

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