



## 9540 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>Related Documents : 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	10
Total Number of Conductors	10
AWG	24
Stranding	7x32
Conductor Material	TC - Tinned Copper

**INSULATION:**

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

**OVERALL CABLING:**

Overall Cabling Lay Length	2.125 in.
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Overall Cabling Color Code Chart :

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

**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



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### OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.032 in.

### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.244 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	36.5 lbs/1000 ft.
Max. Recommended Pulling Tension	55 lbs.
Min. Bend Radius (Install)	2.5 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	30 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	55 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
9540 060100	10 #24 PVC FS PVC	100	4.3	CHROME	



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9540 0601000	10 #24 PVC FS PVC	1000	36	CHROME	C
9540 060500	10 #24 PVC FS PVC	500	18	CHROME	C
9540 060U1000	10 #24 PVC FS PVC	U1000	38	CHROME	
9540 060U500	10 #24 PVC FS PVC	U500	19.5	CHROME	

C = CRATE REEL PUT-UP.

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