

9948 Non-Paired - Computer Cable for EIA RS-232 Applications

	<p style="text-align: center;">For more information please call 1-800-Belden1</p> <p style="text-align: center;"><u>See Put-ups and Colors</u></p> <p style="text-align: center;">Color Code Chart : No. 2 and 2R (ICEA).pdf</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	25
Total Number of Conductors	25
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	Number	Color
1	Black	14	Green/White
2	White	15	Blue/White
3	Red	16	Black/Red
4	Green	17	White/Red
5	Orange	18	Orange/Red
6	Blue	19	Blue/Red
7	White/Black	20	Red/Green
8	Red/Black	21	Orange/Green
9	Green/Black	22	Black/White/Red
10	Orange/Black	23	White/Black/Red
11	Blue/Black	24	Red/Black/White
12	Black/White	25	Green/Black/White
13	Red/White		

OUTER SHIELD:

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

Outer Shield Material :

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 .410 in.

MECHANICAL CHARACTERISTICS:

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

Storage Temperature Range -50°C (cable should not be moved while at this temperature)

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

Bulk Cable Weight 127 lbs/1000 ft.

Min. Bend Radius (Install) 4.1 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 3.1 Ohms/1000 ft

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

Max. Recommended Current 1.5 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
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9948 060100	25 #22 PVC SHLD PVC	100	13.3	CHROME	
9948 0601000	25 #22 PVC SHLD PVC	1000	132	CHROME	C
9948 060500	25 #22 PVC SHLD PVC	500	66.5	CHROME	C

C = CRATE REEL PUT-UP.

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