

9525 Paired - Computer Cables for EIA RS-232 Applications

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

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

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	25
Total Number of Conductors	50
AWG	24
Stranding	7x32
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	S-R PVC - Semi-Rigid Polyvinyl Chloride
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Pair Color Code Chart :

Number	Color	Number	Color
1	Black & Red	14	Green & White
2	Black & White	15	Green & Blue
3	Black & Green	16	Green & Yellow
4	Black & Blue	17	Green & Brown
5	Black & Yellow	18	Green & Orange
6	Black & Brown	19	White & Blue
7	Black & Orange	20	White & Yellow
8	Red & White	21	White & Brown
9	Red & Green	22	White & Orange
10	Red & Blue	23	Blue & Yellow
11	Red & Yellow	24	Blue & Brown
12	Red & Brown	25	Blue & Orange
13	Red & Orange		

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape

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Outer Shield Material	Aluminum Foil-Polyester Tape w/Shorting Fold
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	.503 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +80°C
Non-UL Temperature Rating	80°C (UL AWM Style 2464)
Bulk Cable Weight	148.6 lbs/1000 ft.
Max. Recommended Pulling Tension	275 lbs.
Min. Bend Radius (Install)	5.2 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)
CSA Specification	AWM I A

FLAME TEST:

UL Flame Test	UL1581 Vertical Tray
C(UL) Flame Test	FT4

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	75 Ohms
Nom. Capacitance Conductor to Conductor @ 1 KHz	30 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	50 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	16.5 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2464)
Max. Recommended Current	1.1 Amps per conductor @ 25°C



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PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9525 060100	25 PR #24 PVC SHLD PVC	100	16.4	CHROME	C
9525 0601000	25 PR #24 PVC SHLD PVC	1000	156	CHROME	C
9525 060500	25 PR #24 PVC SHLD PVC	500	80.5	CHROME	C

C = CRATE REEL PUT-UP.

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