



9503 Paired - Computer Cable for EIA RS-232 Applications

 	<p>Metric Version 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) TC conductors, semi-rigid PVC insulation, twisted pairs, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain Wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	3
Total Number of Conductors	6
AWG	24
Stranding	7x32
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	S-R PVC - Semi-Rigid Polyvinyl Chloride
Lay Length	3.81 cm
Twists/ft.	8

Pair Color Code Chart :

Number	Color	Number	Color
1	Black & Red	3	Black & Green
2	Black & White		

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	24
Outer Shield Drain Wire Stranding	7x32



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Outer Shield Drain Wire Conductor Material	TC - Tinned Copper
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OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	5.893 mm
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +80°C
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UL Temperature Rating	80°C (UL AWM Style 2464)
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Bulk Cable Weight	40.33 Kg/Km
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Max. Recommended Pulling Tension	146.791 N
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Min. Bend Radius (Install)	63.5 mm
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APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMG
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CEC/C(UL) Specification	CMG
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AWM Specification	UL Style 2464 (300 V 80°C)
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CSA Specification	AWM I A
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EU CE Mark (Y/N)	Yes
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EU RoHS Compliant (Y/N)	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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FLAME TEST:

UL Flame Test	UL1685 FT4 Loading
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C(UL) Flame Test	FT4
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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Plenum Number	89503, 82503
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	75 Ohms
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Nom. Capacitance Conductor to Conductor @ 1 KHz	98.43 pF/m
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Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	164.05 pF/m
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Nominal Velocity of Propagation	60 %
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Nom. Conductor DC Resistance @ 20 Deg. C	78.744 Ohms/km
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Nominal Outer Shield DC Resistance @ 20 Deg. C	55.777 Ohms/km
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Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2464)
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Max. Recommended Current	1.76 Amps per conductor @ 25°C
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PUT-UPS AND COLORS:

Item	Description	Put-Up (M)	Ship Weight (kgs.)	Jacket Color	Notes
9503 060100	3 PR #24 PVC FS PVC	30.48	1.544	CHROME	
9503 0601000	3 PR #24 PVC FS PVC	304.8	13.62	CHROME	C
9503 060500	3 PR #24 PVC FS PVC	152.4	6.583	CHROME	C
9503 060U1000	3 PR #24 PVC FS PVC	U304.8	12.712	CHROME	
9503 060U500	3 PR #24 PVC FS PVC	U152.4	6.81	CHROME	

C = CRATE REEL PUT-UP.

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