



9501 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	1
Total Number of Conductors	2
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
1	Black & Red

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
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:



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Outer Jacket Material	PVC - Polyvinyl Chloride
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	3.962 mm
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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	18.454 Kg/Km
Max. Recommended Pulling Tension	48.93 N
Min. Bend Radius (Install)	44.45 mm

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
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
Plenum Number	88641, 82641

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	0.623 µH/m
Nom. Capacitance Conductor to Conductor @ 1 KHz	131.24 pF/m
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	242.794 pF/m
Nominal Velocity of Propagation	60 %
Nom. Conductor DC Resistance @ 20 Deg. C	78.744 Ohms/km
Nominal Outer Shield DC Resistance @ 20 Deg. C	59.058 Ohms/km
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2464)
Max. Recommended Current	2.2 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (M)	Ship Weight (kgs.)	Jacket Color	Notes
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9501 060100	2 #24 PVC FS PVC	30.48	0.953	CHROME	
9501 0601000	2 #24 PVC FS PVC	304.8	6.356	CHROME	C
9501 060500	2 #24 PVC FS PVC	152.4	3.178	CHROME	
9501 060U1000	2 #24 PVC FS PVC	U304.8	6.356	CHROME	
9501 060U500	2#24 PVC FS PVC	U152.4	3.405	CHROME	

C = CRATE REEL PUT-UP.

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