Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9504 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information please call

1-800-Belden1



General Description:

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EU Directive 2011/65/EU (ROHS II):

EU Directive 2000/53/EC (ELV):

FU CF Mark:

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 (Overall) Conductor AWG: # Pairs AWG Stranding Conductor Material TC - Tinned Copper 24 7x32 **Total Number of Conductors:** 8 Insulation Insulation Material: **Insulation Material** Wall Thickness (in.) S-R PVC - Semi-Rigid Polyvinyl Chloride 0.011 **Outer Shield** Outer Shield Material: Outer Shield Trade Name Type Outer Shield Material Coverage (%) Tape | Aluminum Foil-Polyester Tape | 100 Outer Shield Drain Wire AWG: AWG Stranding Drain Wire Conductor Material 24 7x32 TC - Tinned Copper **Outer Jacket Outer Jacket Material:** Outer Jacket Material Nom. Wall Thickness (in.) PVC - Polyvinyl Chloride 0.032 **Overall Cable Overall Nominal Diameter:** 0.259 in. Pair Pair Color Code Chart: Number Color Black & Red Black & White Black & Green Black & Blue **Mechanical Characteristics (Overall)**

	Operating Temperature Range:	-30°C To +80°C					
	Bulk Cable Weight:	32 lbs/1000 ft.					
	Max. Recommended Pulling Tension:	44 lbs.					
	Min. Bend Radius/Minor Axis:	2.625 in.					
Applicable Specifications and Agency Compliance (Overall)							
Applicable Standards & Environmental Programs							
	NEC/(UL) Specification:	CMG					
	CEC/C(UL) Specification:	CMG					
	AWM Specification:	UL Style 2464 (300 V 80°C)					
	CSA Specification:	AWMIA					

Yes

Yes

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	EU Directive 2002/95/EC (RoHS):	Yes
	EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
	EU Directive 2002/96/EC (WEEE):	Yes
	EU Directive 2003/11/EC (BFR):	Yes
	CA Prop 65 (CJ for Wire & Cable):	Yes
	MII Order #39 (China RoHS):	Yes
Fla	me Test	
	UL Flame Test:	UL1685 FT4 Loading
	CSA Flame Test:	FT4
Ple	num/Non-Plenum	
	Plenum (Y/N):	No
	Plenum Number:	89504, 82504

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:



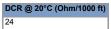
Nom. Capacitance Cond. to Other Conductor & Shield:



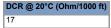
Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:



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 #	Putup	Ship Weight	Color	Notes	Item Desc
9504 060U1000	1,000 FT	34.000 LB	CHROME		4 PR #24 PVC FS PVC
9504 060U500	500 FT	17.500 LB	CHROME		4 PR #24 PVC FS PVC
9504 060100	100 FT	4.000 LB	CHROME		4 PR #24 PVC FS PVC
9504 0601000	1,000 FT	36.000 LB	CHROME	С	4 PR #24 PVC FS PVC
9504 060500	500 FT	18.000 LB	CHROME		4 PR #24 PVC FS PVC
9504 0605000	5,000 FT	175.000 LB	CHROME	С	4 PR #24 PVC FS PVC

Notes: C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 11-25-2014

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