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



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 (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
4	24	7x32	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material
S-R PVC - Semi-Rigid Polyvinyl Chloride

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	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
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.265 in.

Pair

Pair Color Code Chart:

ı	Number	Color
ı	1	Black & Red
ı	2	Black & White
ı	3	Black & Green
ı	4	Black & Blue

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C		
UL Temperature Rating:	80°C (UL AWM Style 2464)		
Bulk Cable Weight:	33.300 lbs/1000 ft.		
Max. Recommended Pulling Tension:	44 lbs.		
Min. Bend Radius (Install)/Minor Axis:	2.750 in.		

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 80°C)
CSA Specification:	AWMTA
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
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
Flame Test	
UL Flame Test:	UL1685 FT4 Loading
C(UL) Flame Test:	FT4
Plenum/Non-Plenum	
Plenum (Y/N):	No
Plenum Number:	89504, 82504
Floatwinel Characteristics (Overall)	

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
75

Nom. Capacitance Conductor to Conductor:

Capacitance	(pF/ft)
30	

Nom. Capacitance Cond. to Other Conductor & Shield:



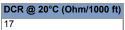
Nominal Velocity of Propagation:



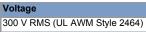
Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:



Max. Operating Voltage - UL:



Max. Recommended Current:

Current	
1.5 Amps per conductor @ 25°C	

Related Documents:

No related documents are available for this product

Put Ups and Colors:

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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

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 05-14-2007

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