Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9508 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 (continued), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs AWG		Stranding	Conductor Material		
8	24	7x32	TC - Tinned Copper		

Insulation

Insulation Material:

Insulat	ion Material
S-R PV	C - Semi-Rigid Polyvinyl Chloride

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	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: 0.324 in.

Pair

Pair Color Code Chart:

Number Color				
1	Black & Red			
2	Black & White			
3	Black & Green			
4	Black & Blue			
5	Black & Yellow			
6	Black & Brown			
7	Black & Orange			
8	Red & White			

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C		
Non-UL Temperature Rating:	80°C (UL AWM Style 2464)		
Bulk Cable Weight:	57 lbs/1000 ft.		
Max. Recommended Pulling Tension:	88 lbs.		

Page 1 of 3 01-06-2012

Detailed Specifications & Technical Data





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Min. Bend Radius (Install)/Minor Axis: 3.250 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:** AWM I A EU CE Mark: Yes EU Directive 2000/53/EC (ELV): Yes EU Directive 2002/95/EC (RoHS): Yes 04/01/2005 EU RoHS Compliance Date (mm/dd/yyyy): 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 C(UL) Flame Test: FT4

No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Plenum/Non-Plenum Plenum (Y/N):

Nom. Capacitance Conductor to Conductor:



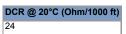
Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 16.5

Max. Operating Voltage - UL:

Voltage 300 V RMS (UL AWM Style 2464)

Max. Recommended Current:

Current
1.1 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Page 2 of 3 01-06-2013

Detailed Specifications & Technical Data

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9508 060100	100 FT	6.400 LB	CHROME		8 PR #24 PVC FS PVC
9508 0601000	1,000 FT	61.000 LB	CHROME	С	8 PR #24 PVC FS PVC
9508 060500	500 FT	31.000 LB	CHROME	С	8 PR #24 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

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

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Page 3 of 3 01-06-2012