Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9506 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			
6	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 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: 0.289 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

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C 80°C (UL AWM Style 2464)		
Non-UL Temperature Rating:			
Bulk Cable Weight:	44.600 lbs/1000 ft.		
Max. Recommended Pulling Tension:	66 lbs.		
Min. Bend Radius (Install)/Minor Axis:	3 in.		

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Applicable Standards & Environmental Programs				
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			
lame Test				
UL Flame Test:	UL1685 FT4 Loading			
C(UL) Flame Test:	FT4			
lenum/Non-Plenum				
Plenum (Y/N):	No			
Plenum Number:	82506			

Nom. Characteristic Impedance:

Impedance (Ohm)
75

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft))
30	

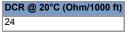
Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000	ft)
16	

Max. Operating Voltage - UL:

300 V RMS (UL AWM Style 2464)

Max. Recommended Current:

1.5 Amps per conductor @ 25°C

Related Documents:

Detailed Specifications & Technical Data





9506 Multi-Conductor - Computer Cable for EIA RS-232 Applications

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9506 060U1000	1,000 FT	46.000 LB	CHROME		6 PR #24 PVC FS PVC
9506 060U500	500 FT	23.500 LB	CHROME		6 PR #24 PVC FS PVC
9506 060100	100 FT	5.100 LB	CHROME		6 PR #24 PVC FS PVC
9506 0601000	1,000 FT	47.000 LB	CHROME	С	6 PR #24 PVC FS PVC
9506 060500	500 FT	25.000 LB	CHROME	С	6 PR #24 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

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

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