Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9505 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
5	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 Cabling

Overall Nominal Diameter: 7.341 mm

Pair

Pair Color Code Chart:

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

Mechanical Characteristics (Overall)				
Operating Temperature Range:	-30°C To +80°C			
UL Temperature Rating:	80°C (UL AWM Style 2464)			
Bulk Cable Weight:	61.314 Kg/Km			
Max. Recommended Pulling Tension:	244.651 N			
Min. Bend Radius (Install)/Minor Axis:	76.200 mm			

Page 1 of 3 05-10-2011

Detailed Specifications & Technical Data





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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			
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:	89505, 82505			

Electrical Characteristics (Overall)

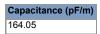
Nom. Characteristic Impedance:



Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 78.744

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 55.777

Max. Operating Voltage - UL:

Voltage 300 V RMS (UL AWM Style 2464)

Max. Recommended Current:

Current
1.5 Amps per conductor @ 25°C

Related Documents:

Page 2 of 3 05-10-2011

Detailed Specifications & Technical Data

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No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9505 060U1000	305 MT	19.051 KG	CHROME		5 PR #24 PVC FS PVC
9505 060U500	152 MT	9.752 KG	CHROME		5 PR #24 PVC FS PVC
9505 060100	30 MT	2.177 KG	CHROME		5 PR #24 PVC FS PVC
9505 0601000	305 MT	19.958 KG	CHROME	С	5 PR #24 PVC FS PVC
9505 060500	152 MT	10.659 KG	CHROME	С	5 PR #24 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

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

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