

METRIC MEASUREMENT VERSION

9538 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information please call

1-800-Belden1



General Description:

24 AWG stranded (7x32) tinned copper conductors, conductors cabled, semi-rigid PVC insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

Conductor AWG: # Conductors AWG Stranding Conductor Material B # Conductors AWG Stranding Conductor Material B Insulation Insulation Insulation Material: Insulation Material: Outer Shield Material: Outer Shield Material: Duter Shield Trade Name Type Outer Shield Material Beidforter Tape Auminum Fol-Polyester Tape 100 Outer Shield Trade Name Type Outer Shield Material 24 7x32 TG - Timed Copper Outer Shield Material: Outer Shield Trade Name Type Outer Shield Material PVC - Polywing Choined Copper Outer Shield Trade Name Type Outer Shield Material 24 7x32 TG - Timed Copper Outer Shield Prain Wire Conductor Material 24 7x32 TG - Timed Copper Outer Shield Drain Wire Conductor Material 24 7x32 TG - Timed Copper Outer Shield Prain Nom. Wall Thickness (mm) PVC - Polywing Choined 0.8128 Outer Shield Color Code Chart: Number Color Number Color Stranding Draine Experimentaria 5.680 mm Everall Cabling Color Code Chart: Stranding Tomage 8 Yealtow Correll Cabling Color Code Chart: Stranding Diameter: 5.680 mm Everall Cabling Color Code Chart: Stranding Tomage 9 Yealtow Correll Color Correll Cabling Color Code Chart: 9 Stranding Tomage 9 Yealtow 2 Outer Shield Nominal Diameter: 5.680 mm 1 Selve 9 Outer Shield Characteristics (Overall) 0 Outer Shield Solution 9 Outer Shield Solution	ysical Characteristics (Overall)	
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Max. Recommended Pulling Tension: 195.721 N	Outer Jacket Material Nom. Wall Thickness (mill PVC - Polyvinyl Chloride PVC - Polyvinyl Chloride 0.8128 verall Cable Overall Cabling Color Code Chart: Number Color 1 Black 2 White 3 Red 4 Green 5 Brown 6 Blue 7 Orange 8 Yellow Overall Nominal Diameter: Overall Characteristics (Overall) Operating Temperature Range: UL Temperature Rating:	5.690 mm -30°C To +80°C 80°C (UL AWM Style 2464)

Detailed Specifications & Technical Data



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Min. Bend Radius/Minor Axis:	57.150 mm					
Applicable Specifications and Agency Com	npliance (Overall)					
Applicable Standards & Environmental Program						
NEC/(UL) Specification:	CMG					
NEC Articles:	800					
CEC/C(UL) Specification:	СМС					
AWM Specification:	UL Style 2464 (300 V 80°C)					
EU Directive 2011/65/EU (ROHS II):	Yes					
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					
CSA Flame Test:	FT4					
Suitability						
Suitability - Indoor:	Yes					
Plenum/Non-Plenum Plenum (Y/N):	No					
Electrical Characteristics (Overall)						
Nom. Capacitance Conductor to Conductor: Capacitance (pF/m) 108.273						
Nom. Capacitance Cond. to Other Conductor & Shiel	d:					
Capacitance (pF/m) 213.265						
Nom. Conductor DC Resistance:						
DCR @ 20°C (Ohm/km) 82.025						
Nominal Outer Shield DC Resistance: DCR @ 20°C (Ohm/km) 59.058						
Max. Operating Voltage - UL: Voltage 300 V RMS						
Max. Recommended Current:						
Description Current 10C Temperature Rise 1.75 Amps per conductor @ 25°C ar	nbient					
Put Ups and Colors:						

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9538 060U1000	1,000 FT	33.000 LB	CHROME		8 #24 PVC FS PVC
9538 060U500	500 FT	17.000 LB	CHROME		8 #24 PVC FS PVC

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9538 060Z1000	1,000 FT	33.000 LB	CHROME		8 #24 PVC FS PVC
9538 060100	100 FT	3.900 LB	CHROME		8 #24 PVC FS PVC
9538 0601000	1,000 FT	34.000 LB	CHROME	С	8 #24 PVC FS PVC
9538 060500	500 FT	17.000 LB	CHROME	С	8 #24 PVC FS PVC
9538 0605000	5,000 FT	165.000 LB	CHROME	С	8 #24 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

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