Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9550 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information please call

1-800-Belden1



General 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.

0.708 in.

Physical Characteristics (Overall) Conductor AWG: # Pairs AWG Stranding Conductor Material TC - Tinned Copper 24 7x32 **Total Number of Conductors:** 100 Insulation Insulation Material: **Insulation Material** Wall Thickness (in.) S-R PVC - Semi-Rigid Polyvinyl Chloride 0.011 **Outer Shield** Outer Shield Material: Outer Shield Trade Name Type Outer Shield Material Coverage (%) |Tape | Aluminum Foil-Polyester Tape w/Shorting Fold | 100 Outer Shield Drain Wire AWG: AWG Stranding Drain Wire Conductor Material TC - Tinned Copper 24 7x32 **Outer Jacket Outer Jacket Material:** Outer Jacket Material Nom. Wall Thickness (in.) PVC - Polyvinyl Chloride 0.054

Overall Nominal Diameter:

Overall Cable

Pair Pair Color Code Chart:

Number	Color	
1	Blue & White	
2	Orange & White	
3	Green & White	
4	Brown & White	
5	Gray & White	
6	Blue/ White & White	
7	Blue/Orange & White	
8	Blue/Green & White	
9	Blue/Brown & White	
10	Blue/Gray & White	
11	Orange/White & White	
12	Orange/Green & White	
13	Orange/Brown & White	
14	Orange/Gray & White	
15	Green/White & White	
16	Green/Brown & White	
17	Green/Gray & White	
18	Brown/White & White	
19	Brown/Gray & White	
20	Gray/White & White	
21	Blue & Red	
22	Orange & Red	
23	Green & Red	
24	Brown & Red	

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25	Gray & Red	
26	Blue/White & Red	
27	Blue/Orange & Red	
28	Blue/Green & Red	
29	Blue/Brown & Red	
30	Blue/Gray & Red	
31	Orange/White & Red	
32	Orange/Green & Red	
33	Orange/Brown & Red	
34	Orange/Gray & Red	
35	Green/White & Red	
36	Green/Brown, Red	
37	Green/Gray & Red	
38	Brown/White & Red	
39	Brown/Gray & Red	
40	Gray/White & Red	
41	Blue & Black	
42	Orange & Black	
43	Green & Black	
44	Brown & Black	
45	Gray & Black	
46	Blue/White & Black	
47	Blue/Orange & Black	
48	Blue/Green & Black	
49	Blue/Brown & Black	
50	Blue/Gray & Black	

Mechanical	Characteristics	(Overall)
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Operating Temperature Range:	-30°C To +80°C
Non-UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	286 lbs/1000 ft.
Max. Recommended Pulling Tension:	550 lbs.
Min. Bend Radius/Minor Axis:	7.250 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:	AWMTA	
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	
C(UL) Flame Test:	FT4	

No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

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

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Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
50	٦

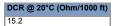
Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
24

Nominal Outer Shield DC Resistance:



Max. Operating Voltage - UL:



Max. Recommended Current:



Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9550 060100	100 FT	31.900 LB	CHROME	С	50 PR #24 PVC FS PVC
9550 0601000	1,000 FT	311.000 LB	CHROME	CD	50 PR #24 PVC FS PVC
9550 060500	500 FT	162.000 LB	CHROME	CD	50 PR #24 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

D = FINAL PUT-UP LENGTH MAY VARY -0% TO +20% FROM LENGTH SHOWN.

Revision Number: 2 Revision Date: 08-31-2012

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product.

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