Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9545 Multi-Conductor - Computer Cable for EIA RS-232 Applications

For more Information please call

1-800-Belden1



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.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
40	24	7x32	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)		
PVC - Polyvinyl Chloride	.010		

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Outer Shield Material	Coverage (%)
Beldfoil®	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	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.040

Overall Cable

Overall Cabling Lay Length & Direction:



Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black
8	Red/Black
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White
13	Red/White
14	Green/White
15	Blue/White
16	Black/Red

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17	White/Red
18	Orange/Red
19	Blue/Red
20	Red/Green
21	Orange/Green
22	Black/White/Red
23	White/Black/Red
24	Red/Black/White
25	Green/Black/White
26	Orange/Black/White
27	Blue/Black/White
28	Black/Red/Green
29	White/Red/Green
30	Red/Black/Green
31	Green/Black/Orange
32	Orange/Black/Green
33	Blue/White/Orange
34	Black/White/Orange
35	White/Red/Orange
36	Orange/White/Blue
37	White/Red/Blue
38	Black/White/Green
39	White/Black/Green
40	Red/White/Green

Overall Nominal Diameter:

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Operating Temperature Range:	-30°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	120.700 lbs/1000 ft.
Max. Recommended Pulling Tension:	220 lbs.
Min. Bend Radius (Install)/Minor Axis:	4 in.

0.406 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)
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	
C(UL) Flame Test:	FT4

Plenum/Non-Plenum

Plenum (Y/N): No

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Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

(Capacitance	(pF/ft)
3	30	

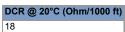
Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance	(pF/ft)
55	

Nom. Conductor DC Resistance:

DCR @ 20°C	(Ohm/1000 ft)
25	

Nominal Outer Shield DC Resistance:



Max. Operating Voltage - UL:

Voltage 300 V RMS (UL AWM Style 2464)

Max. Recommended Current:

Current 1.75 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9545 060100	100 FT	13.500 LB	CHROME	С	40 #24 PVC FS PVC
9545 060500	500 FT	65.000 LB	CHROME	С	40 #24 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 04-23-2008

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