# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



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



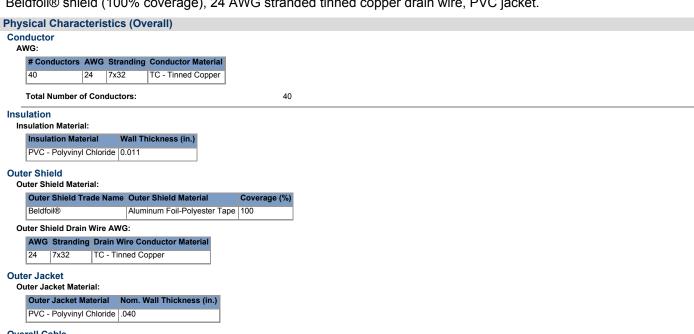
For more Information please call

1-800-Belden1



#### **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.



# **Overall Cable**

**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				
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				

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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:** 

0.406 in.

No

Overall Nominal Diameter:	0.406 in.				
echanical Characteristics (Overall)					
Operating Temperature Range:	-30°C To +80°C				
UL Temperature Rating:	80°C (UL AWM Style 2464)				
Bulk Cable Weight:	120 lbs/1000 ft.				
Max. Recommended Pulling Tension:	220 lbs.				
Min. Bend Radius/Minor Axis:	4.250 in.				
oplicable Specifications and Agency Comp	oliance (Overall)				
pplicable Standards & Environmental Programs					
NEC/(UL) Specification:	CMG				
CEC/C(UL) Specification:	CMG				
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				
lame Test					
UL Flame Test: UL1685 FT4 Loading					
CSA Flame Test:	FT4				

# **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
30

Plenum (Y/N):

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:

DCR @ 20°C (Ohm/1000 ft) 18

Max. Operating Voltage - UL:

Voltage

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300 V RMS

Max. Recommended Current:

1.75 Amps per conductor @ 25°C

#### **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 0601000	1,000 FT	139.000 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: 3 Revision Date: 09-07-2012

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