

**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

Ins Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.010

**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	0.040

**Overall Cabling:**

Overall Cabling Lay Length & Direction

Length (in.)
5.800

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: 0.430 in.

**Mechanical Characteristics (Overall):**

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):	4.500 in.

**Applicable Specifications and Agency Compliance (Overall):**

**Applicable Standards:**

NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
AWM Specification	UL Style 2464 (300 V 80°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	04/01/2005

**Flame Test:**

C(UL) Flame Test	FT4
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**Plenum/Non-Plenum:**

Plenum (Y/N)	N
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**Electrical Characteristics (Overall):**

Nom. Capacitance Conductor to Conductor

<b>Capacitance (pF/ft)</b>
30.000

Nom. Capacitance Cond. to Other Conductor & Shield

<b>Capacitance (pF/ft)</b>
55.000

Nom. Conductor DC Resistance

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

**DCR @ 20°C (Ohm/1000 ft)**

25.000

Max. Operating Voltage - UL

**Voltage**

300 V RMS (UL AWM Style 2464)

Max. Recommended Current

**Current**

1.75 Amps per conductor @ 25°C

Nominal Outer Shield DC Resistance

**DCR @ 20°C (Ohm/1000 ft)**

18.000

**PUT UPS AND COLORS:**

Item #	Putup	Ship Weight	Jacket Color	Notes	Item Desc
9545 060100	100 FT	13.500 LB	CHROME	C	40 #24 PVC FS PVC
9545 0601000	1,000 FT	130.000 LB	CHROME	C	40 #24 PVC FS PVC
9545 060500	500 FT	65.000 LB	CHROME	C	40 #24 PVC FS PVC

**Notes:**

C = CRATE REEL PUT-UP.

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