# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 9546 Multi-Conductor - Computer Cable for EIA RS-232 Applications



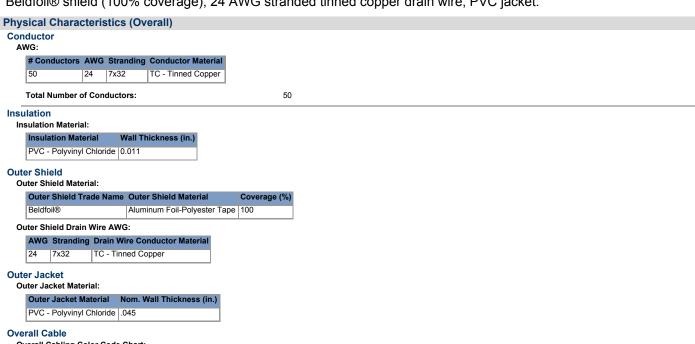
For more Information please call

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 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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DI (DI 1.04/1.7)
Blue/Black/White
Black/Red/Green
White/Red/Green
Red/Black/Green
Green/Black/Orange
Orange/Black/Green
Blue/White/Orange
Black/White/Orange
White/Red/Orange
Orange/White/Blue
White/Red/Blue
Black/White/Green
White/Black/Green
Red/White/Green
Green/White/Blue
Orange/Red/Green
Blue/Red/Green
Black/White/Blue
White/Black/Blue
Red/White/Blue
Green/Orange/Red
Orange/Red/Blue
Blue/Red/Orange
Black/Orange/Red

**Overall Nominal Diameter:** 

NEC/(UL) Specification:

0.490 in.

CMG

No

Med	Mechanical Characteristics (Overall)				
	Operating Temperature Range:	-30°C To +80°C			
	UL Temperature Rating:	80°C (UL AWM Style 2464)			
	Bulk Cable Weight:	149 lbs/1000 ft.			
	Max. Recommended Pulling Tension:	275 lbs.			
	Min. Bend Radius/Minor Axis:	5 in.			

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

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

# Flame Test

	UL Flame Test:	UL1685 FT4 Loading		
	CSA Flame Test:	FT4		
Ple	num/Non-Plenum			

# Plenum (Y/N):

Electrical Characteristics (Overall)
Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

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55 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) Nominal Outer Shield DC Resistance: DCR @ 20°C (Ohm/1000 ft) Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current 1.75 Amps per conductor @ 25°C

#### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9546 060100	100 FT	16.400 LB	CHROME	С	50 #24 PVC FS PVC
9546 0601000	1,000 FT	168.000 LB	CHROME	С	50 #24 PVC FS PVC
9546 060500	500 FT	81.500 LB	CHROME	С	50 #24 PVC FS PVC

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-07-2012

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product.
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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