# **Detailed Specifications & Technical Data**

# **ENGLISH MEASUREMENT VERSION**



# 9585 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information please call

1-800-Belden1



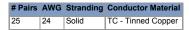
# **General Description:**

24 AWG solid tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

# **Physical Characteristics (Overall)**

#### onductor

AWG:



**Total Number of Conductors:** 

50

### Insulation

Insulation Material:

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

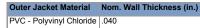
### **Outer Shield**

Outer Shield Material:



### **Outer Jacket**

Outer Jacket Material:



# **Overall Cable**

Overall Nominal Diameter:

0.480 in.

### Pair

### Pair Color Code Chart:

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

## **Mechanical Characteristics (Overall)**

Operating Temperature Range:

-20°C To +80°C

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UL Temperature Rating:	80°C (UL AWM Style 2576)	
Bulk Cable Weight:	134 lbs/1000 ft.	
Max. Recommended Pulling Tension:	255 lbs.	
Min. Bend Radius/Minor Axis:	5 in.	

# Applicable Specifications and Agency Compliance (Overall)

### **Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMG	
CEC/C(UL) Specification:	CMG	
AWM Specification:	UL Style 2576 (150 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		

### Fla

UL Flame Test:	UL1685 FT4 Loading	
CSA Flame Test:	FT4	

## Plenum/Non-Plenum

No

### **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage	Description	
300 V RMS	UL AWM Style 2576	
150 V RMS	CMG	

Max. Recommended Current:

1 Amp per conductor @ 20°C

# **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9585 0601000	1,000 FT	141.000 LB	CHROME	С	25 PR #24 PVC FRPVC
9585 060500	500 FT	74.000 LB	CHROME	С	25 PR #24 PVC FRPVC

### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-27-2012

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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**Authorized Distributor** 

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Belden Wire & Cable: 9585 060500 9585 0601000