

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



For more Information  
please call

1-800-Belden1



### Description:

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

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
25	24	Solid	TC - Tinned Copper

#### Insulation

##### Insulation Material:

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

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.040

#### 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

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22	Purple & Orange
23	Purple & Green
24	Purple & Brown
25	Purple & Gray

### Mechanical Characteristics (Overall)

<b>Operating Temperature Range:</b>	-20°C To +80°C
<b>UL Temperature Rating:</b>	80°C (UL AWM Style 2576)
<b>Bulk Cable Weight:</b>	130.100 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	255 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	5 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>NEC/(UL) Specification:</b>	CMG
<b>CEC/C(UL) Specification:</b>	CMG
<b>AWM Specification:</b>	UL Style 2576 (150 V 80°C)
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	04/01/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

#### Flame Test

<b>UL Flame Test:</b>	UL1685 FT4 Loading
<b>C(UL) Flame Test:</b>	FT4

#### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	No
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### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

<b>Capacitance (pF/ft)</b>
22

#### Nom. Conductor DC Resistance:

<b>DCR @ 20°C (Ohm/1000 ft)</b>
24.4

#### Max. Operating Voltage - UL:

<b>Voltage</b>
300 V RMS
150 V RMS (UL AWM Style 2576)

#### Max. Recommended Current:

<b>Current</b>
1 Amp per conductor @ 20°C

### Related Documents:

No related documents are available for this product

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

### Put Ups and Colors:

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

**Notes:**

C = CRATE REEL PUT-UP.

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