

**9585 Paired - Audio, Control and Instrumentation Cable**

 	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p>Related Documents : No. 4 for Paired Cables.pdf</p>
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**Description:**

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

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Pairs	25
Total Number of Conductors	50
AWG	24
Stranding	Solid
Conductor Material	TC - Tinned Copper

**INSULATION:**

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.010 in.

**Pair Color Code Chart :**

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

**OUTER SHIELD:**

Outer Shield Material	Unshielded
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**OUTER JACKET:**

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Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.040 in.

### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.480 in.
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### MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +80°C
UL Temperature Rating	80°C (UL AWM Style 2576)
Bulk Cable Weight	130.1 lbs/1000 ft.
Max. Recommended Pulling Tension	255 lbs.
Min. Bend Radius (Install)	5 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

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

UL Flame Test	UL1685 FT4 Loading
C(UL) Flame Test	FT4

#### PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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#### ELECTRICAL CHARACTERISTICS:

Nom. Capacitance Conductor to Conductor @ 1 KHz	22 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	24.4 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS, 150 V RMS (UL AWM Style 2576)
Max. Recommended Current	1 Amp per conductor @ 20°C

#### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9585 0601000	25 PR #24 PVC FRPVC	1000	144	CHROME	C
9585 060500	25 PR #24 PVC FRPVC	500	74	CHROME	C

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 07-19-2005

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