

9566 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
6	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	.032

Overall Cable

Overall Nominal Diameter: 0.289 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

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Non-UL Temperature Rating:	80°C
Bulk Cable Weight:	37.200 lbs/1000 ft.
Max. Recommended Pulling Tension:	61 lbs.
Min. Bend Radius (Install)/Minor Axis:	3 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/UL) Specification:	CMG
CEC/C(UL) Specification:	CMG

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

UL Flame Test:	UL1685 FT4 Loading
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C(UL) Flame Test:	FT4
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)

22

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

24.4

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

1.4 Amps per conductor @ 20°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9566 060U1000	1,000 FT	42.000 LB	CHROME		6 PR #24 PVC FRPVC
9566 060U500	500 FT	21.500 LB	CHROME		6 PR #24 PVC FRPVC
9566 0601000	1,000 FT	45.000 LB	CHROME	C	6 PR #24 PVC FRPVC
9566 060500	500 FT	23.500 LB	CHROME	C	6 PR #24 PVC FRPVC

Notes:

C = CRATE REEL PUT-UP.

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