

## 9421 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1

**Description:**

22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, PVC Jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
8	22	7x30	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 Cabling Lay Length & Direction:**

Length (in.)
3.50

**Overall Cabling Color Code Chart:**

Color
Black
White
Red
Green
Brown
Blue
Orange
Yellow

**Overall Nominal Diameter:** 0.229 in.

**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>	34.500 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	71 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	2.300 in.

## 9421 Multi-Conductor - Audio, Control and Instrumentation Cable

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2576 (150 V 80°C)
CSA Specification:	FT4
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

## Plenum/Non-Plenum

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

## Nom. Inductance:

Inductance (µH/ft)
.17

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
34

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
15.6

## Max. Operating Voltage - UL:

Voltage
300 V RMS (CMG)
150 V RMS (UL AWM Style 2576)

## Max. Recommended Current:

Current
2.1 Amps per conductor @ 25°C

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9421 060U1000	1,000 FT	35.000 LB	CHROME		8 #22 PVC PVC
9421 060U500	500 FT	18.500 LB	CHROME		8 #22 PVC PVC
9421 060100	100 FT	4.100 LB	CHROME		8 #22 PVC PVC
9421 0601000	1,000 FT	38.000 LB	CHROME	C	8 #22 PVC PVC
9421 060500	500 FT	18.000 LB	CHROME	C	8 #22 PVC PVC
9421 0605000	5,000 FT	185.000 LB	CHROME		8 #22 PVC PVC

## Notes:

C = CRATE REEL PUT-UP.

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