

# Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

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## 8467 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
7	18	19x30	TC - Tinned Copper

Total Number of Conductors:

7

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.018

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.037

#### Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Brown
6	Blue
7	Orange

Overall Nominal Diameter:

0.309 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range:

-20°C To +60°C

UL Temperature Rating:

60°C (UL AWM Style 2598)

Bulk Cable Weight:

69 lbs/1000 ft.

Max. Recommended Pulling Tension:

146 lbs.

Min. Bend Radius/Minor Axis:

3.250 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:

CMG

NEC Articles:

800

CEC/C(UL) Specification:

CMG

AWM Specification:

UL Style 2598 (300 V 60°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

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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

### Flame Test

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

### Suitability

Suitability - Indoor:	Yes
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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)
26

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.3

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Description	Current
10C Temperature Rise	3.5 Amps per conductor @ 25°C ambient

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8467 060100	100 FT	7.700 LB	CHROME		7 #18 PVC PVC
8467 0601000	1,000 FT	74.000 LB	CHROME	C	7 #18 PVC PVC
8467 06010000	10,000 FT	750.000 LB	CHROME		7 #18 PVC PVC
8467 060250	250 FT	18.750 LB	CHROME	C	7 #18 PVC PVC
8467 060500	500 FT	40.500 LB	CHROME	C	7 #18 PVC PVC
8467 0605000	5,000 FT	365.000 LB	CHROME		7 #18 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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