Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION

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 (mm)
PVC - Polyvinyl Chloride	0.457

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.9398

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:	7.849 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
UL Temperature Rating:	60°C (UL AWM Style 2598)
Bulk Cable Weight:	102.686 Kg/Km
Max. Recommended Pulling Tension:	649.437 N
Min. Bend Radius/Minor Axis:	82.550 mm

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

Plenum/Non-Plenum

Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
85.306

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
20.6703

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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