

8489 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1

**Description:**

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

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

# Conductors	AWG	Stranding	Conductor Material
4	18	19x30	TC - Tinned Copper

Total Number of Conductors: 4

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.017

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 Color Code Chart:**

Number	Color
1	Black
2	White
3	Red
4	Green

Overall Nominal Diameter: 0.257 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
UL Temperature Rating:	60°C (UL AWM Style 2598)
Bulk Cable Weight:	44 lbs/1000 ft.
Max. Recommended Pulling Tension:	83 lbs.
Min. Bend Radius/Minor Axis:	2.750 in.

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

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2598 (300 V 60°C)

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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

Flame Test

UL Flame Test: UL1685 FT4 Loading

CSA Flame Test: FT4

Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 88489, 82489

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 (UL AWM Style 2598)

Max. Recommended Current:

Current

4 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8489 060U1000	1,000 FT	46.000 LB	CHROME		4 #18 PVC PVC
8489 060U500	500 FT	23.500 LB	CHROME		4 #18 PVC PVC
8489 060100	100 FT	5.100 LB	CHROME		4 #18 PVC PVC
8489 0601000	1,000 FT	48.000 LB	CHROME	C	4 #18 PVC PVC
8489 060250	250 FT	12.000 LB	CHROME		4 #18 PVC PVC
8489 060500	500 FT	24.000 LB	CHROME	C	4 #18 PVC PVC
8489 0605000	5,000 FT	230.000 LB	CHROME		4 #18 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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