

## 8460 Multi-Conductor - High-Conductivity Copper Speaker Cable Open Twisted Const



### Description:

18 AWG stranded (7x26) ETP high-conductivity tinned copper conductors, PVC insulation, cabled.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
2	18	7x26	High Conductivity TC - Tinned Copper

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.020

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material
Unjacketed

#### Overall Cabling

##### Overall Cabling Lay Length & Direction:

Length (in.)	Twists (ft.)
2	6

Overall Nominal Diameter: 0.180 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 1007)
Bulk Cable Weight:	17 lbs/1000 ft.
Max. Recommended Pulling Tension:	50 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.800 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

AWM Specification:	UL Style 1007 (300 V 80°C)
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

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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: VW-1

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

### Nom. Inductance:

Inductance (µH/ft)

.19

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.9

### Max. Operating Voltage - UL:

Voltage

300 V RMS (UL AWM Style 1007)

### Max. Recommended Current:

Current

5.2 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8460 063U1000	1,000 FT	18.000 LB	BLACK & WHITE		TW PR BLK & NAT
8460 0631000	1,000 FT	18.000 LB	BLACK & WHITE	C	TW PR BLK & NAT

### Notes:

C = CRATE REEL PUT-UP.

## Speaker Wire and Cable

Electrolytic Tough Pitch (ETP) High-Conductivity Copper Speaker Cables  
Open Twisted Construction



19 • Brilliance® Broadcast

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Nominal OD	
				Ft.	m	Lbs.	kg	Inch	mm	Inch	mm

**22 AWG** Stranded (7x30) ETP High-conductivity Copper Conductors • Cabled: (1) Tinned, (1) Bare

**PVC Insulation** • (Color Code: White)

UL Listed. Wires Misc. 90V 90°C VW-1	<b>9151</b>	—	2	U-1000	U-304.8	7.0	3.2	.012	.30	.108	2.74
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**18 AWG** Stranded (7x26) ETP High-conductivity Tinned Copper Conductors • Cabled

**PVC Insulation** • (Color Code: Black, Natural)

UL AWM Style 1007 (300V 80°C) VW-1	<b>8460</b>	—	2	U-1000 1000	U-304.8 304.8	18.0	8.2	.020	.51	.180	4.57
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**18 AWG** Stranded (19x30) ETP High-conductivity Bare Copper Conductors • Cabled

**Plenum • Flamarrest® Insulation** • (Color Code: Black, Natural)

75°C	<b>1863A</b>	NEC: CL2P	2	1000	304.8	19.0	8.6	.022	.56	.178	4.52
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**16 AWG** Stranded (19x29) ETP High-conductivity Tinned Copper Conductors • Cabled

**PVC Insulation** • (Color Code: Black & Natural for 8470; Black & Orange for 9497)

UL AWM Style 1007 (300V 80°C) VW-1	<b>8470</b>	—	2	500 U-1000	152.4 U-304.8	13.0	5.9	.023	.58	.210	5.33
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	<b>9497</b>	—	2	1000	304.8	30.0	13.6	.023	.58	.210	5.33
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**16 AWG** Stranded (19x29) ETP High-conductivity Bare Copper Conductors • Cabled

**Plenum • Flamarrest Insulation** • (Color Code: Black, Natural)

75°C	<b>1862A</b>	NEC: CL2P	2	1000	304.8	26.0	11.8	.022	.56	.202	5.13
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