

9151 Multi-Conductor - High-Conductivity Copper Speaker Cable Open Twisted Const



Description:

22 AWG stranded (7x30) ETP high-conductivity copper conductors, PVC insulation, cabled: (1) tinned, (1) bare.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	22	7x30	Tinned High-Conductivity ETP Copper
1	22	7x30	Bare High-Conductivity ETP Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.012

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.)
1.75	6.9

Overall Nominal Diameter: 0.105 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-35°C To +90°C
Non-UL Temperature Rating:	90°C
Bulk Cable Weight:	6.400 lbs/1000 ft.
Max. Recommended Pulling Tension:	17 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.100 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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):	10/01/2005
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)

15

Max. Operating Voltage - UL:

Voltage

90 V RMS

Max. Recommended Current:

Current

2.9 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9151 009U1000	1,000 FT	7.000 LB	WHITE		TW PR NAT & NAT

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	9151	—	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	8460	—	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	1863A	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	8470	—	2	500	152.4	13.0	5.9	.023	.58	.210	5.33
				U-1000	U-304.8	26.0	11.8				
				1000	304.8	26.0	11.8				



	9497	—	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	1862A	NEC: CL2P	2	1000	304.8	26.0	11.8	.022	.56	.202	5.13
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