



Description:

12 AWG stranded (7x24x34) high-conductivity bare copper conductors, PO insulation, PVC jacket. Sequential footage marking every two feet.

Usage (Overall)

Suitable Applications: Speaker Cable, Direct Burial, Indoor/Outdoor Home Theater, In-Wall Speaker, Outdoor Speaker

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
2	12	7x24x34	High Conductivity BC - Bare Copper	.102

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PO - Polyolefin	.140

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 0.352 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	64.900 lbs/1000 ft.
Max. Recommended Pulling Tension:	152 lbs.
Min. Bend Radius (Install)/Minor Axis:	3.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL3,CM
CEC/C(UL) Specification:	CM

1311A Multi-Conductor - Speaker Cable

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	07/01/2005
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:	UL1581 Vertical Flame and FT-1 Flame Test
CSA Flame Test:	FT1

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6000UE

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)
.15

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
22.3

Nominal Velocity of Propagation:

VP (%)
66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
1.6

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
17 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1311A 0081000	1,000 FT	74.000 LB	GRAY	C	2 #12 PE FRPVC
1311A 008500	500 FT	36.500 LB	GRAY	C	2 #12 PE FRPVC
1311A 0101000	1,000 FT	74.000 LB	BLACK	C	2 #12 PE FRPVC
1311A 010500	500 FT	36.500 LB	BLACK	C	2 #12 PE FRPVC
1311A 1SL1000	1,000 FT	74.000 LB	WHITE 1SL	C	2 #12 PE FRPVC
1311A 1SL500	500 FT	36.500 LB	WHITE 1SL	C	2 #12 PE FRPVC

Notes:

C = CRATE REEL PUT-UP.

Speaker Wire and Cable

Low-Capacitance Oxygen-Free, High-Conductivity (OFHC) Speaker Cable
Twisted Jacketed Construction



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

Low Cap • 16 AWG Stranded (65x34) Oxygen-free High-Conductivity Bare Copper Conductors • Conductors Cabled • Unshielded

Polyolefin Insulation • PVC Jacket (Available in Black, White, Gray, Blue or Green)

	1307A <small>new</small>	NEC: CMR, CL3R CEC: CMG FT4	2	U-500	U-152.4	15.0	6.8	.013	.32	.022	.56	.210	5.33	19.9	65.3
				1000†	304.8	29.0	13.2								

Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

	1308A <small>new</small>	NEC: CMR, CL3R CEC: CMG FT4	4	U-500	U-152.4	26.5	12.0	.013	.32	.026	.66	.270	6.86	19.9	65.3
				1000†	304.8	54.0	24.5								

Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

Low Cap • 14 AWG Stranded (105x34) Oxygen-free High-Conductivity Bare Copper Conductors • Conductors Cabled • Unshielded

Polyolefin Insulation • PVC Jacket (Available in Black, White, Gray, Blue or Green)

	1309A <small>new</small>	NEC: CMR, CL3R CEC: CMG FT4	2	U-500	U-152.4	22.5	10.2	.016	.39	.027	.69	.264	6.71	20.5	67.3
				1000†	304.8	46.0	20.9								

Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

	1310A <small>new</small>	NEC: CMR, CL3R CEC: CMG FT4	4	U-500	U-152.4	41.5	18.8	.016	.39	.033	.94	.319	8.10	20.5	67.3
				1000†	304.8	84.0	38.1								

Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

Low Cap • 12 AWG Stranded (168x34) Oxygen-free High-Conductivity Bare Copper Conductors • Conductors Cabled • Unshielded

Polyolefin Insulation • PVC Jacket (Available in Black, White or Gray)

	1311A <small>new</small>	NEC: CMR, CL3R CEC: CMG FT4	2	U-500	U-152.4	36.5	16.6	.018	.46	.036	.91	.352	8.94	22.3	73.2
				500	152.4	36.5	16.6								
				1000†	304.8	74.0	33.6								

Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

	1312A <small>new</small>	NEC: CMR, CL3R CEC: CMG FT4	4	500	152.4	66.5	30.2	.018	.46	.043	1.09	.423	10.74	22.3	73.2
				1000†	304.8	132.0	59.9								

Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

Low Cap • 10 AWG Stranded (259x34) Oxygen-free High-Conductivity Bare Copper Conductors • Conductors Cabled

Polyolefin Insulation • PVC Jacket (Available in Black, White or Gray)

	1313A <small>new</small>	NEC: CMR, CL3R CEC: CMG FT4	2	500	152.4	55.0	25.0	.019	.48	.044	1.12	.428	10.87	23.2	76.1
				1000†	304.8	109.0	49.5								

Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

OFHC = Oxygen-Free High-Conductivity

*Capacitance between conductors.

†1000 ft. put-ups not available in Blue or Green.

Color Code Chart

Cond.	Color
1	Black
2	Red
3	White
4	Green