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1-800-Belden1



General Description:

12 AWG stranded (168x34) oxygen-free high-conductivity bare copper OFC conductors, PO insulation, conductors cabled, 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. (mm)
4	12	168x34	High Conductivity BC - Bare Copper	2.667

Total Number of Conductors: 4

Insulation

Insulation Material:

Insulation Material	Dia. (mm)
PO - Polyolefin	3.556

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	White
4	Green

Overall Nominal Diameter: 10.744 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 183.049 Kg/Km

Max. Recommended Pulling Tension: 1352.253 N

Min. Bend Radius/Minor Axis: 107.950 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL3, CM

CEC/C(UL) Specification: CM

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/11/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL 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:	6002UE

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)
0.49215

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
73.1663

Nominal Velocity of Propagation:

VP (%)
66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
5.2496

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
18 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1312A 0081000	1,000 FT	132.000 LB	GRAY	C	4 #12 PE FRPVC
1312A 008500	500 FT	66.500 LB	GRAY	C	TRANSFER REVIEW (20 TO 30)
1312A 0101000	1,000 FT	132.000 LB	BLACK	C	4 #12 PE FRPVC
1312A 010500	500 FT	66.500 LB	BLACK	C	4 #12 PE FRPVC
1312A 1SL1000	1,000 FT	132.000 LB	WHITE 1SL	C	4 #12 PE FRPVC
1312A 1SL500	500 FT	66.500 LB	WHITE 1SL	C	4 #12 PE FRPVC

Notes:
C = CRATE REEL PUT-UP.

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