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1-800-Belden1



General Description:

10 AWG, stranded (19x23) bare copper conductors, PVC/Nylon insulation, PVC jacket.

Usage (Overall)

Suitable Applications: AUDITORIUM , STADIUM , RACE TRACK , CHURCH , TEMPLE , SYNAGOGUE , PLACE OF ASSEMBLY , CASINO , SOUND

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	10	19x23	BC - Bare Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Layer #	Insulation Material
1	PVC
2	Nylon

Separator

Separator Material: Waterblocking Tape

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC

Overall Cable

Overall Nominal Diameter: 0.454 in.

Mechanical Characteristics (Overall)

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C Dry

Bulk Cable Weight: 108 lbs/1000 ft.

Max. Recommended Pulling Tension: 234 lbs.

Min. Bend Radius/Minor Axis: 4.750 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: NPLF, TC, THHN/THWN Singles

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

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

EU RoHS Compliance Date (mm/dd/yyyy): 03/15/12

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

CA Prop 65 (CJ for Wire & Cable): Yes

Flame Test

UL Flame Test: UL1581 Vertical Tray

CSA Flame Test: FT4

IEEE Flame Test: 1202

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

8810WB Multi-Conductor - Class 1 Speaker Cable

Suitability - Burial: Yes

Sunlight Resistance: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

1,000

Max. Operating Voltage - UL:

Voltage

600

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8810WB 0101000	1,000 FT	121.000 LB	BLACK	C	2 #10 PVC/NYL PVC

Notes:

C = CRATE REEL PUT-UP.

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