



Product: [8810WB](#)

Speaker Cable, 2 Conductor 10 AWG BC, Unshielded, Waterblocked

Product Description

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

Technical Specifications

Product Overview

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

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	10 AWG	19x23	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.022 in (0.56 mm)	0.156 in (3.96 mm)	Black and White
Conductor(s)	Nylon	0.005 in (0.13 mm)	0.166 in (4.22 mm)	

Outer Shield

Material
No Shield

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter	Ripcord
Waterblocking Tape	PVC - Polyvinyl Chloride	0.050 in (1.3 mm)	0.462 in	Yes

Overall Cable Diameter (Nominal):	0.462 in
-----------------------------------	----------

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
1 Ohm/1000ft	42 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
600 V (TC), 150 V (NPLF)

Mechanical Characteristics

Temperature

UL Temperature	Operating
UL Type TC: 90°C Dry, 75°C Wet; NPLF: 90°C	-30°C To +75°C Wet; -30°C To +90°C Dry

Bend Radius

Stationary Min.	Installation Min.
1.848 in (46.94 mm)	2.31 in

Max. Pull Tension:	234 lbs (106 kg)
Bulk Cable Weight:	114 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance, Burial
Flammability / Reaction to Fire:	UL1685 UL Loading, IEEE 1202 FT4
NEC / UL Compliance:	Article 336, Article 760, NPLF, TC, THHN/THWN Singles
European Directive Compliance:	EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.384 Revision Date: 04-14-2023
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8810WB 0101000	Black	Reel	1,000 ft	612825216827

© 2023 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.