

Product: <u>6547UE</u> ☑ Security & Sound, #22-9pr, BC, CMP

Product Description

Security & Sound Cable, Plenum-CMP 9-22 AWG stranded bare copper pairs with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
22	7x30	BC - Bare Copper	9
Condu	ctor Count:	18	

Insulation

Material	Material Trade Name	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Flamarrest®	0.009 in

Color Chart

Color
Black & Red
Black & White
Black & Green
Black & Blue
Black & Yellow
Black & Brown
Black & Orange
Red & White
Red & Green

Outer Shield

Material

No Shield

Outer Jacket

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	Flamarrest®	0.318 in	0.018 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR 16.3 Ohm/1000ft

Inductance

Nominal Inductanc

Current

Max. Recommended Current [A]

1.4 Amps per Conductor at 25°C

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

	l
Operating Temperature Range:	0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	64 lbs/1000ft
Max. Pull Tension:	163.8 lbs
Min. Bend Radius/Minor Axis:	3.2 in

Standards

NEC/(UL) Compliance:	СМР
CEC/C(UL) Compliance:	CMP

Applicable Environmental and Other Programs

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262 Plenum Flame Test (UL910)
CSA Flammability:	FT6
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum	(Y/N	۱.	
1 Ionum	(1714	/·	

Related Part Numbers

Non-Plenum Numl	ber:	5547UE
Variants		
Item #	Color	UPC
6547UE 8771000	Natural	612825178484

Footnote:	C - CRATE REEL PUT-UP.

History

Update and Revision: Revision Number: 0.287 Revision Date: 05-31-2024

Yes

© 2025 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Belden Wire & Cable:

6547UE 8771000