


Product: [5504UE](#)
Security & Sound, #22-6c BC, CMR
Product Description

Security & Sound Cable, Riser-CMR, 6-22 AWG stranded bare copper conductors with polypropylene insulation, PVC jacket with ripcord

Technical Specifications
Product Overview

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

Construction Details
Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	6	22 AWG	7x30	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.045 in (1.1 mm)	Black, Red, White, Green, Brown, Blue

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.168 in (4.27 mm)	Yes

Overall Cable Diameter (Nominal):	0.168 in (4.27 mm)
-----------------------------------	--------------------

Electrical Characteristics
Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	16.9 Ohm/1000ft	17 pF/ft (56 pF/m)	4.2 Amps per Conductor @ 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics
Temperature

UL Temperature	Operating
75°C	-20°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
1.7 in (43 mm)	1.7 in (43 mm)

Max. Pull Tension:	55 lbs (25 kg)
--------------------	----------------

Bulk Cable Weight:	19 lbs/1000ft
--------------------	---------------

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL 1666 Riser, IEEE 1202 FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark
UK Regulation Compliance:	UKCA Mark
Plenum Number:	6504UE

History

Update and Revision: Revision Number: 0.435 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
5504UE.00305	Chrome	Reel	305 m	8719605008787	
5504UE.001000	Chrome	Reel	1,000 m	8719605008770	
5504UE 0081000	Gray			612825163800	C
5504UE 008500	Gray			612825163817	
5504UE 008C500	Gray				
5504UE 008U1000	Gray			612825163794	
5504UE 009C500	White			612825163824	
5504UE 009U1000	White			612825163831	
5504UE 009U500	White			612825163848	

Footnote: C - CRATE REEL PUT-UP.

© 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 "AS IS" 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.