



Product: [50959](#)

Security & Sound, 2 Conductor 4 mm², BC, Unshielded

Product Description

Security & Commercial Audio Cable, 2 core 4 mm² stranded bare copper conductors with PVC insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits
------------------------	---

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
4 mm ²	Stranded	BC - Bare Copper	2

Conductor Count:	2
------------------	---

Insulation

Material	Nominal Diameter
PVC - Polyvinyl Chloride	4.2 mm

Color Chart

Color
Black
Red

Outer Shield

Material
No Shield

Outer Jacket

Material	Nominal Diameter	Diameter +/- Tolerance
PVC - Polyvinyl Chloride	10.60 mm	0.30 mm

Electrical Characteristics

Conductor DCR

Max. Conductor DCR	Nominal Conductor DCR
5.0 Ohm/km	5.0 Ohm/km

Voltage

Voltage Rating [V]
300/500 V

Temperature Range

Operating Temperature Range:	0°C To +70°C
------------------------------	--------------

Mechanical Characteristics

Bulk Cable Weight:	174 kg/km
--------------------	-----------

Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2011/65/EU (RoHS 2):	Yes

Related Part Numbers

Variants

Item #	Color	Length
50959 010305M	Black	305 m
50959 010500M	Black	500 m
50959 008305M	Grey	305 m
50959 008500M	Grey	500 m
50959 003305M	Orange	305 m
50959 003500M	Orange	500 m
50959 002305M	Red	305 m
50959 002500M	Red	500 m

History

Update and Revision:	Revision Number: 0.38 Revision Date: 05-11-2022
----------------------	---

© 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.