



Product: [513945](#)

Surveillance CCTV, RG-11 #14 BC, 95% BC Braid, CM

Product Description
Surveillance & CCTV Cable, RG11, Rated-CM, 14 AWG solid bare copper, foam polyolefin core, 95% bare copper braid, PVC jacket

Technical Specifications

Product Overview

Suitable Applications:	Surveillance, CCTV Camera
------------------------	---------------------------

Construction Details

RG Type:	11
Series Type:	11

Conductor

Element	No. of Elements	Size	Stranding	Nom. Diameter	Material
Coax(es)	1	14 AWG	Solid	0.0645 in	BC - Bare Copper

Insulation

Element	Material	Nom. Insulation Diameter
Coax(es)	PE - Polyethylene (Foam)	0.280 in (7.11 mm)

Table Notes:	Gas Injected
--------------	--------------

Outer Shield

Outer Shield Type	Material	Coverage
Braid	Bare Copper (BC)	95%

Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.405 in (10.3 mm)

Electrical Characteristics

Attenuation

Frequency	Nom. Attenuation
1 MHz	0.17 dB/100ft
10 MHz	0.35 dB/100ft
50 MHz	0.9 dB/100ft
100 MHz	1.3 dB/100ft
200 MHz	1.9 dB/100ft
400 MHz	2.9 dB/100ft
700 MHz	4.1 dB/100ft
900 MHz	4.8 dB/100ft
1000 MHz	5.2 dB/100ft

Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
2.62 Ohm/1000ft	1.2 Ohm/1000ft (3.9 Ohm/km)	16.1 pF/ft (52.8 pF/m)	75 Ohm	84%

Voltage

UL Voltage Rating
600 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-30°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
4.05 in (103 mm)	4.05 in (103 mm)

Max. Pull Tension:	144 lbs (65.3 kg)
Bulk Cable Weight:	86 lbs/1000ft (130 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor, Sunlight Resistance - Black only
Flammability / Reaction to Fire:	FT1, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, Article 800, CL2, CM
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	613948

History

Update and Revision:	Revision Number: 0.508 Revision Date: 02-03-2025
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
513945.00305	Black	Reel	305 m	8719605007858	
513945.00500	Black	Reel	500 m	8719605007865	
513945 0101000	Black	Reel	1,000 ft	612825157137	C

© 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.