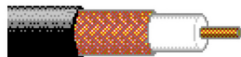


**Part Number: 443945**

Analog Video/CCTV Applications



## Product Description

Analog Video/CCTV, Coax 59/U, IEC60332-1, 20 AWG solid bare copper, foamed polyethylene core, 95% bare copper braid, LSZH jacket

## Technical Specifications

### Product Overview

Environmental Space:	Indoor - Euroclass Eca
Suitable Applications:	ANALOG VIDEO/CCTV; The cable is suitable for indoor use

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
20	Solid	BC - Bare Copper	0.81 mm	1

Conductor Count:	1
Conductor Size:	20 AWG

#### Insulation

Type	Material	Nominal Diameter
Dielectric	FPE - Foamed Polyethylene	3.68 mm

#### Outer Shield Material

Type	Material	Coverage [%]
Braid	BC - Bare Copper	95 %

#### Outer Jacket Material

Material	Color	Nominal Diameter	Nominal Wall Thickness
LSZH / FRNC	Grey	5.9 mm	0.8 mm

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
32.8 Ohm/km	11.484 Ohm/km

#### Capacitance

Nom. Capacitance Conductor to Shield
53.5 pF/m

#### Impedance

Nominal Characteristic Impedance
75 Ohm

#### High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.98 dB/100m
5 MHz	2.13 dB/100m

10 MHz	2.95 dB/100m
50 MHz	6.23 dB/100m
100 MHz	8.53 dB/100m
200 MHz	11.8 dB/100m
400 MHz	16.4 dB/100m
700 MHz	23 dB/100m
900 MHz	26.2 dB/100m
1000 MHz	27.9 dB/100m

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
400 ns/ft	83 %

Temperature Range

Storage Temp Range:	-30°C To +70°C
Operating Temp Range:	-30°C To +70°C

Mechanical Characteristics

Min Bend Radius (W/o Pulling Strength):	29.5 mm
Min Setting Radius:	59 mm

Standards

CPR Euroclass:	Eca
RG Type:	59/U Type

Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	1998-01-01
---------------------------------------	------------

Flammability, LS0H, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2
-----------------------	---------------

Part Number

Variants

Item #	Color
443945.01305	Black
443945.011524	Black
443945.00100	Gray
443945.00500	Gray
443945.00999	Gray

History

Revision Number:	6
------------------	---

© 2019 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.