



**Product:** [451945](#)

Surveillance CCTV, RG-59 #22 BC, 93% BC Braid, LSZH Jkt

### Product Description

Surveillance & CCTV Cable, RG59, Rated-CM, 22 AWG stranded bare copper, foam polyolefin core, 93% bare copper braid, LSZH jacket

### Technical Specifications

#### Product Overview

Suitable Applications:	ANALOG VIDEO/CCTV; The cable is suitable for indoor use
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#### Construction Details

RG Type:	Mini 59
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#### Conductor

Number of Element	Size	Stranding	Nom. Diameter	Material
1	22 AWG	7x30	0.75 mm	BC - Bare Copper

#### Insulation

Material	Nom. Insulation Diameter
PE - Polyethylene (Foam)	3.56 mm (0.140 in)

#### Outer Shield

Outer Shield Type	Material	Coverage
Braid	Bare Copper (BC)	93%

#### Outer Jacket

Material	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	5.9 mm

#### Electrical Characteristics

##### Attenuation

Frequency	Nom. Attenuation
1 MHz	0.98 dB/100m
10 MHz	2.95 dB/100m
50 MHz	6.88 dB/100m
100 MHz	9.83 dB/100m
200 MHz	14.7 dB/100m
400 MHz	21.6 dB/100m
700 MHz	29.1 dB/100m
900 MHz	33.1 dB/100m
1000 MHz	35.7 dB/100m

##### Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
49.2 Ohm/km	8.5 Ohm/km (2.6 Ohm/1000ft)	56.7 pF/m (17.3 pF/ft)	75 Ohm	78%

#### Mechanical Characteristics

## Temperature

Operating	Storage
-30°C To +70°C	-30°C To +70°C

## Bend Radius

Stationary Min.	Installation Min.
29.5 mm (1.16 in)	59 mm

Bulk Cable Weight:	43 kg/km
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## Standards and Compliance

Environmental Suitability:	Indoor
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## History

Update and Revision:	Revision Number: 0.198 Revision Date: 04-08-2022
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	EAN
451945.00500	Gray	Reel	500 m	8719605007308

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