



**Product:** <u>633948</u> ☑

Surveillance CCTV, RG-6 #18 BC, 95% BC Braid, CMP

### **Product Description**

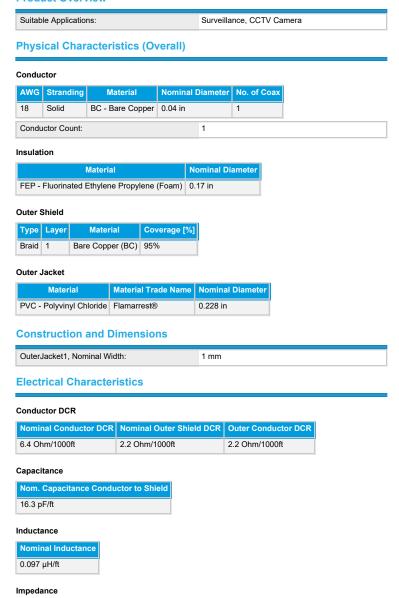
Surveillance & CCTV Cable, RG6, Plenum-CMP, 18 AWG solid bare copper, foam FEP core, 95% bare copper braid, Flamarrest® jacket

#### **Technical Specifications**

Nominal Characteristic Impedance

75 Ohm

#### **Product Overview**



# High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.24 dB/100ft
3 MHz	0.45 dB/100ft
5 MHz	0.55 dB/100ft
8 MHz	0.7 dB/100ft
10 MHz	0.85 dB/100ft
50 MHz	1.5 dB/100ft
100 MHz	2.1 dB/100ft
200 MHz	3.1 dB/100ft
400 MHz	4.7 dB/100ft
700 MHz	6.8 dB/100ft
900 MHz	8 dB/100ft
1000 MHz	8.5 dB/100ft

#### Delay

Max. Delay Skew	Nominal Delay	Nominal Velocity of Propagation (VP) [%]
83 ns/100m	1.24 ns/ft	83%

#### Voltage

UL Voltage Rating 300 V RMS

# **Temperature Range**

UL Temp Rating:	75°C
Operating Temperature Range:	-20°C To +75°C

### **Mechanical Characteristics**

Bulk Cable Weight:	38 lbs/1000ft
Max. Pull Tension:	84 lbs
Min. Bend Radius/Minor Axis:	2.25 in

# **Standards**

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP
RG Type:	6
Series Type:	6

# **Applicable Environmental and Other Programs**

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

# Suitability

Suitability - Indoor:	Yes	

# Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262 Plenum Flame Test (UL910)
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

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Plenum (Y/N):	Yes

# **Related Part Numbers**

#### Variants

Item #	Color	Put-Up Type	Length	UPC
633948 010U1000	Black	UnReel	1,000 ft	612825176176
633948 008U1000	Gray	UnReel	1,000 ft	612825176152
633948 877500	Natural	Reel	500 ft	612825176237
633948 877U500	Natural	UnReel	500 ft	612825176213
633948 8771000	Natural	Reel	1,000 ft	612825176220
633948 877U1000	Natural	UnReel	1,000 ft	612825176206
633948 0071000	Violet	Reel	1,000 ft	612825176145
633948 009U1000	White	UnReel	1,000 ft	612825176169

Footnote: C - CRATE REEL PUT-UP.

#### **History**

Update and Revision: Revision Number: 0.411 Revision Date: 05-05-2023

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