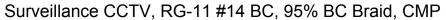


Part Number: 613948





### **Product Description**

Surveillance & CCTV Cable, RG11, Plenum-CMP, 14 AWG solid bare copper, foam FEP core, 95% bare copper braid, PVDF

# **Technical Specifications**

#### Product Overview

Produ	Product Overview						
Suitable Applications:						CCTV	
Physi	Physical Characteristics (Overall)						
Conduc	Conductor						
AWG	Stranding	Material	Nominal Diameter	No. of Pairs	No. of	Coax	
14	Solid	BC - Bare Copper	0.064 in	1	1		
Condu	Conductor Count: 1						
Conductor Size:						14 AWG	
nsulati	isulation 14 AWG						

Material	Nominal Diameter
FFEP - Foam Fluorinated Ethylene Propylene	0.274 in

## **Outer Shield Material**

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

#### **Outer Jacket Material**

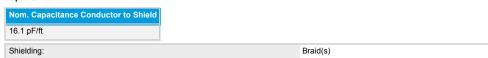
Material	Nominal Diameter
PVDF - Fluorocopolymer	0.348 in
Weight:	

### **Electrical Characteristics**

## Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	Nominal Outer Shield DCR	Outer Conductor DCR
2.6 Ohm/1000ft	2.6 Ohm/1000ft	1.2 Ohm/1000ft	1.2 Ohm/1000ft

#### Capacitance



## Inductance

Nominal Inductance 0.106 µH/ft

## Impedance

Nominal Characteristic Impedance
75 Ohm

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.17 dB/100ft
10 MHz	0.4 dB/100ft
50 MHz	0.95 dB/100ft
100 MHz	1.4 dB/100ft
200 MHz	2.1 dB/100ft
400 MHz	3.4 dB/100ft
700 MHz	5 dB/100ft
900 MHz	6 dB/100ft
1000 MHz	6.5 dB/100ft

#### Delay

Max. Delay Skew	Nominal Delay	Nominal Velocity of Propagation (VP) [%]
84 ns/100m	1.21 ns/ft	84 %

### Unbalanced Crosstalk

Typical Unbalanced NEXT %	Typical Unbalanced FEXT %
	0.9 MHz
0.9 MHz	

## Voltage

UL Voltage Rating 300 V RMS

## **Temperature Range**

UL Temp Rating:	125°C
Operating Temp Range:	-20°C To +125°C

## **Mechanical Characteristics**

Bulk Cable Weight:	81 lbs/1000ft
Max Recommended Pulling Tension:	144 lbs
Min Bend Radius/Minor Axis:	3.5 in
Min Bend Radius/Installation:	0.9 in

## Dimensions (WxHxD)

Width	Height	Depth
1	0.97	1

## **Standards**

NEC Articles:	800
NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
RG Type:	11/U Type
Series Type:	Series 11
RG / Series Type:	Series 11

# **Applicable Environmental and Other Programs**

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	Yes
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

# Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

#### Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262
UL voltage rating:	300 V RMS

#### Plenum/Non-Plenum

Plenum (Y/N):	Yes

#### **Part Number**

		١.
Non-Plenum Number:	513945	

#### Variants

Item #	Color	Footnote
613948 0091000	White	С
Footnote:		

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