



Product: <u>613948</u> ☑

Product Description

Technical Specifications

Product Overview

Suitable Applications:	Surveillance, CCTV Camera

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
14	Solid	BC - Bare Copper	0.064 in	1
Condu	uctor Count:		1	

Insulation

Material	Nominal Diameter
FEP - Fluorinated Ethylene Propylene (Foam)	0.274 in

Outer Shield

Type	Material	Coverage [%]
Braid	Bare Copper (BC)	95%

Outer Jacket

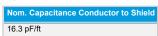
Material	Nominal Diameter	
PVDF - Polyvinylidene Fluoride	0.348 in	
Weight:		

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



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	1.22 ns/ft	83%

Unbalanced Crosstalk

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

Voltage

UL Voltage Rating 300 V RMS

Mated Connection

Frequency (MHz)

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	81 lbs/1000ft
Max. Pull Tension:	138 lbs
Min. Bend Radius During Installation:	0.9 in
Min. Bend Radius/Minor Axis:	3.5 in

Dimensions (WxHxD)

Width	Height	Depth	
1	0.97	1	

Standards

NEC/(UL) Compliance:	СМР
CEC/C(UL) Compliance:	CMP
RG Type:	11
Series Type:	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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Aerial:	Yes - When supported by messenger wire
Suitability - Hazardous Locations:	No
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

Non-Plenum Number:	513945	

Variants

Item #	Color	Color Put-Up Typ	Length	UPC
613948 0091000	White	White Reel	1,000 ft	612825173823
Footnote:				C - CRA

History

Update and Revision:	Revision Number: 0.399 Revision Date: 12-15-2021

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