



Product: <u>6539Y8</u> ☑

CCTV Applications

Product Description

Surveillance, CCTV & Card Reader Cable, RG62, Plenum-CMP, 22 AWG solid bare copper-covered steel, foamed polyolefin core, 95% bare copper braid, Flamarrest® jacket

Technical Specifications

Product Overview

Suitable Applications:			Sı	urveillance	e, CCTV Cam	era, Card Reader/	Sensor	
hys	ical Chara	acteristics (Overa	all)					
ondu	ctor							
AWG	Stranding	Material		Nominal D	iameter	No. of Coax		
22	Solid	BCCS - Bare Copper C	overed Steel	0.025 in		1		
sulat	ion							
	N	laterial	Nominal	Diameter				
EP -	Fluorinated E	thylene Propylene (Foa	m) 0.146 in					
utor	Shield							
rype	Materia	Coverage [%]						
	Bare Copper							
Jiaia	Baile Copper	(20) 00%						
uter .	Jacket							
	Material	Material Trade N	lame Nomir	nal Diameter				
PVC -	Polyvinyl Chl	oride Flamarrest®	0.204	in				
laat	rical Char	acteristics						
lect		acteristics						
ondu	ctor DCR							
Non	ninal Conduc DCR	tor Nominal Cond	uctor DCR C	onductor Re	esistance	Nominal O	uter Shield DCR	Outer Conductor DC
			ft			3.4 Ohm/10	00ft	3.4 Ohm/1000ft

Nom. Capacitance Conductor to Shield
13.5 pF/ft

Inductance

Nominal Inductance 0.107 µH/ft

Impedance

Nominal Characteristic Impedance 93 Ohm

High Frequency (Nominal/Typical)

Frequency [MHz] Nom. Insertion Loss

1 MHz	0.3 dB/100ft
10 MHz	0.9 dB/100ft
50 MHz	1.9 dB/100ft
100 MHz	2.7 dB/100ft
200 MHz	3.8 dB/100ft
400 MHz	5.3 dB/100ft
700 MHz	7.3 dB/100ft
900 MHz	8.2 dB/100ft
1000 MHz	8.7 dB/100ft

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.21 ns/ft	84%

Voltage

UL Voltage R	lating
300 V RMS	

Temperature Range

UL Temp Rating:	75°C
Operating Temperature Range:	0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	30 lbs/1000ft
Max. Pull Tension:	67 lbs
Min. Bend Radius/Minor Axis:	2 in

Standards

NEC/(UL) Compliance:	СМР
CEC/C(UL) Compliance:	СМР
RG Type:	62

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 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes

Related Part Numbers

Variants

ltem #	Color	Put-Up Type	Length	UPC
6539Y8 8771000	Natural	Reel	1,000 ft	612825178200

Product Notes

Notes:

Print legend includes sequential footage marks.

Update and Revision:

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