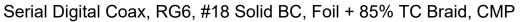


**Product:** <u>1369P</u> ☑





# **Product Description**

Video Cable, Plenum-CMP, RG6, 18 AWG solid bare copper, foam FEP insulation, Duofoil®; 85% tinned copper braid, Flamarrest® jacket

### **Technical Specifications**

### **Product Overview**

Suitable Applications:	Commercial Video
Physical Characteristics (Overall)	

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
18	Solid	BC - Bare Copper	0.04 in	1
Condu	ictor Count:		1	

#### Insulation

Material	Material Trade Name	Nominal Diameter
FEP - Fluorinated Ethylene Propylene (Foam)	Teflon®	0.168 in

## Outer Shield

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Tri-Laminate (Alum+Poly+Alum)	Duobond® II	100%
Braid	2	Tinned Copper (TC)		85%

#### **Outer Jacket**

Material	Material Trade Name	Nominal Diameter
PVC - Polyvinyl Chloride	Flamarrest®	0.231 in

### **Electrical Characteristics**

#### Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	Nominal Outer Shield DCR	Outer Conductor DCR
6.4 Ohm/1000ft	6.4 Ohm/1000ft	3.6 Ohm/1000ft	3.6 Ohm/1000ft

## Capacitance

Nom. Capacitance Conductor to Shield 16.3 pF/ft

#### Inductance

Nominal Inductance

# Impedance

Nominal Characteristic Impedance
75 Ohm

Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
5-3000 MHz	15 dB

### High Frequency (Nominal/Typical)

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Nom. Insertion Loss		
0.24 dB/100ft		
0.45 dB/100ft		
0.55 dB/100ft		
0.65 dB/100ft		
0.75 dB/100ft		
1.74 dB/100ft		
1.78 dB/100ft		
1.94 dB/100ft		
2.1 dB/100ft		
2.4 dB/100ft		
2.5 dB/100ft		
2.8 dB/100ft		
3.4 dB/100ft		
4 dB/100ft		
5.2 dB/100ft		
6.1 dB/100ft		
6.2 dB/100ft		
7.3 dB/100ft		
9.2 dB/100ft		
10.9 dB/100ft		
11.6 dB/100ft		
13.7 dB/100ft		

# Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.22 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:	33.5 lbs/1000ft
Max. Pull Tension:	64 lbs
Min. Bend Radius/Minor Axis:	2.5 in

### **Standards**

NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP
RG Type:	6

# **Applicable Environmental and Other Programs**

Environmental Space:	Indoor - Plenum
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:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
MII Order #39 (China RoHS):	Yes

#### Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No

### Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
CSA Flammability:	FT6
UL voltage rating:	300 V RMS

#### Plenum/Non-Plenum

# **Related Part Numbers**

Non-Plenum Number:	1369R

#### Variants

Item #	Color	Put-Up Type	Length	UPC
1369P 010500	Black	Reel	500 ft	612825112914
1369P 0101000	Black	Reel	1,000 ft	612825112907
1369P 006500	Blue, Light	Reel	500 ft	612825112839
1369P 0061000	Blue, Light	Reel	1,000 ft	612825112822
1369P 001500	Brown	Reel	500 ft	612825112754
1369P 0011000	Brown	Reel	1,000 ft	612825112747
1369P 008500	Gray	Reel	500 ft	612825112877
1369P 0081000	Gray	Reel	1,000 ft	612825112860
1369P N3U500	Green, Mil	Reel	500 ft	612825112730
1369P N3U1000	Green, Mil	Reel	1,000 ft	612825112723
1369P 003500	Orange	Reel	500 ft	612825112792
1369P 0031000	Orange	Reel	1,000 ft	612825112785
1369P 002500	Red	Reel	500 ft	612825112778
1369P 0021000	Red	Reel	1,000 ft	612825112761
1369P 007500	Violet	Reel	500 ft	612825112853
1369P 0071000	Violet	Reel	1,000 ft	612825112846
1369P 009500	White	Reel	500 ft	612825112891
1369P 0091000	White	Reel	1,000 ft	612825112884
1369P 004500	Yellow	Reel	500 ft	612825112815
1369P 0041000	Yellow	Reel	1,000 ft	612825112808

### **Product Notes**

Notes:	Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under lic	ense by Belden, Inc.

# History

Update and Revision:	Revision Number: 0.319 Revision Date: 11-09-2022	

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