



Product: 8233P ☑

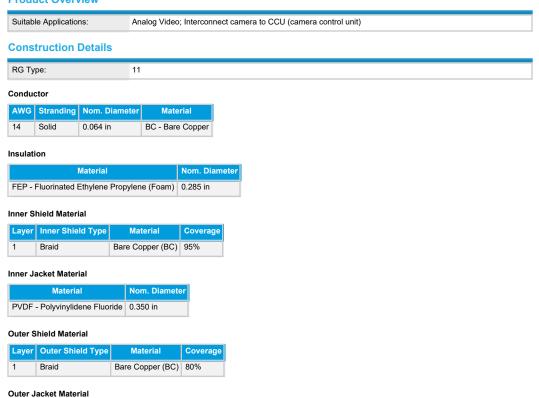
Triax, RG11, 14 AWG Solid BC, Double BC Braids, PVDF Jkt, CMP

## **Product Description**

Triax, RG11, 14 AWG Solid Bare Copper Conductor, FEP Insulation, 95% Bare Copper Braid Shield, PVDF Insulation 80% Bare Copper Braid Shield, PVDF Jacket, CMP

## **Technical Specifications**

#### **Product Overview**



# **Electrical Characteristics**

PVDF - Polyvinylidene Fluoride 0.408 in

# Return Loss (RL)

Frequency [MHz]	Min. Return Loss [dB]
5 - 850 MHz	21 dB
850 - 4500 MHz	15 dB

Nom. Diameter

#### Attenuation

Frequency	Nom. Attenuation [dB/100ft]
1 MHz	0.09 dB/100ft
3.6 MHz	0.28 dB/100ft

10 MHz	0.47 dB/100ft
71.5 MHz	1.33 dB/100ft
135 MHz	1.90 dB/100ft
270 MHz	2.94 dB/100ft
360 MHz	3.42 dB/100ft
540 MHz	4.46 dB/100ft
720 MHz	5.41 dB/100ft
750 MHz	5.51 dB/100ft
1000 MHz	6.74 dB/100ft
1500 MHz	9.03 dB/100ft
2000 MHz	11.30 dB/100ft
2250 MHz	12.54 dB/100ft
3000 MHz	17.00 dB/100ft
4000 MHz	27.45 dB/100ft

#### Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Impedence
2.5 Ohm/1000ft	1.6 Ohm/1000ft	1.4 Ohm/1000ft	16.5 pF/ft	75 Ohm

#### Voltage

UL Voltage Rating 300 V (CMP)

#### **Mechanical Characteristics**

#### Temperature

<b>UL Rating</b>	Operating
125°C	-15°C to +125°C

#### Bend Radius



Bulk Cable Weight:	128 lbs/1000ft	
Max. Pull Tension:	194 lbs	

### **Standards and Compliance**

Environmental Suitability:	Indoor - Plenum, Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	NFPA 262, NFPA 262, FT6
NEC / UL Compliance:	CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	8233A

## **History**

Update and Revision:	Revision Number: 0.310 Revision Date: 08-25-2020

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