



Product: [4731RBUHD3 S1](#)

12 GHz Mini RG-11 BNC Connector

Product Description

RG-11, 12 GHz, UHD, BNC, 3 piece crimp connector, single pack

Technical Specifications

Product Overview

Suitable Applications:	HD-SDI, UHD-SDI, Video, Digital Video, SMPTE 2082-1 12 Gb/s UHDTV, SMPTE 2081-1 6 Gb/s UHDTV, SMPTE 424M 3 Gb/s HD-SDI 1080P
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Physical Characteristics (Overall)

Packaging:	25 Pack or 100 Bulk
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Connectors

Materials

Description	Material
Nut	Polished Nickel
Body	Polished Nickel
Contact	Brass, Gold Plated
Insulator	PTFE

Electrical Characteristics

Impedance

Nominal Characteristic Impedance
75 Ohm

Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
5-1485	15 dB
1485-3000	10 dB
3000-6000	7 dB
6000-12000	4 dB

Electrical Characteristics Notes:	SMPTE 2082-1 Return Loss or better
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Mechanical Characteristics

Footprint/Type:	Coax
Connector Interface Type:	BNC
Gender:	Male - plug
Connector Series Name:	UHD
Locking:	No
Tool Compatibility:	Kings KTH-1000, (Crimp Die Pin) KTH-2010, (Crimp Die Sleeve) KTH-2041
Termination Type:	Crimp
Cable Center Conductor Diameter Limits:	0.063 - 0.0650 in
Cable Dielectric Diameter Limits:	0.2795 - 0.2894 in
Cable Outer Jacket Diameter Limits:	0.3976 - 0.4134 in

Standards

RG Type:	11
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Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2000/53/EC (ELV):	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)
CA Prop 65:	Yes

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No

Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Color	UPC
4731RBUHD3 S1	No Color	612825405733

History

Update and Revision:	Revision Number: 0.36 Revision Date: 03-04-2023
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