



Product: [4794RBUHD3 B100](#)

12 GHz BNC Crimp Connector

Product Description

Series 7, 12 GHz, UHD, BNC, 3 piece crimp connector, bulk 100 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:	100 Bulk
Number of Pieces:	3
Weight:	1.70kgs / 3.747lbs per 100 pack

Connectors

Materials

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

Electrical Characteristics

Impedance

Nominal Characteristic Impedance
75 Ohm

Return Loss

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

Connector System Compatibility:	Coax
Connector Interface Type:	BNC
Gender:	Male - plug
Connector Series Name:	UHD
Locking:	No
Tool Compatibility:	Kings KTH-1000 (crimp), KTH-2260 (crimp die)
Termination Type:	Crimp
Cable Center Conductor Diameter Limits:	0.0512 - 0.0531 in
Cable Dielectric Diameter Limits:	0.2244 - 0.2303 in

Cable Outer Jacket Diameter Limits:

0.3189 - 0.3307 in

Standards

Series Type:

7

Applicable Environmental and Other Programs

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)

Suitability

Suitability - Indoor:

Yes

Suitability - Outdoor:

No

Plenum/Non-Plenum

Plenum (Y/N):

No

Related Part Numbers

Variants

Item #	UPC
4794RBUHD3 B100	612825405689

History

Update and Revision:

Revision Number: 0.42 Revision Date: 03-04-2023

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