



**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 UHD TV, SMPTE 2081-1 6 Gb/s UHD TV, 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 (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
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
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## 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
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## Part Number

### Variants

Item #	UPC
4794RBUHD3 B100	612825405689

## History

Update and Revision:	Revision Number: 0.30 Revision Date: 03-16-2021
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