



**Product:** [4794RBUHD1 B50](#) 

12 GHz Series 7 BNC Connector

## Product Description

Series 7, 12 GHz, UHD, BNC, 1 piece connector

## Technical Specifications

### Physical Characteristics (Overall)

Packaging:	25 Pack
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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

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
Color Band:	White
Locking:	No
Tool Compatibility:	KTH-1000 (crimp), KTH-201 (crimp die)
Termination Type:	Compression
Cable Center Conductor Diameter Limits:	0.0460 - 0.0519 in
Cable Dielectric Diameter Limits:	0.2283 - 0.2362 in
Cable Outer Jacket Diameter Limits:	0.3110 - 0.3267 in

### Standards

Series Type:	7
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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
4794RBUHD1 B50	White	845671005561

### History

Update and Revision:	Revision Number: 0.47 Revision Date: 02-20-2026
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