



**Product:** [A4794RHUHD3S01](#)

12GHz, 75 Ohm, Straight Crimp HD-BNC Plug for 4794R Cable



### Product Description

12GHz, Series 7 UHD, HD-BNC connector, 3 piece connector suitable for Belden 4794R, 4K UHD Precision Video Series 7 Coax Cable

### 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:	1 set per plastic bag
Number of Pieces:	3

#### Connectors

##### Materials

Description	Material
Body, Ferrule and Bayonet Sleeve	Brass, Nickel Plating
Contact	Gold plating phosphor bronze
Outer contact	BeCu, Nickel plating
Spring	Stainless steel.
Insulation	PTFE

#### Electrical Characteristics

Insulation Resistance:	$\geq 10,000$ MOhm
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##### Impedance

Nominal Characteristic Impedance
75 Ohm

##### Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
5-6000	24 dB
6000-12000	15 dB

#### Temperature Range

Operating Temperature Range:	-65°C To +165°C
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#### Mechanical Characteristics

Footprint/Type:	Coax
Connector Interface Type:	BNC
Gender:	Male - plug
Connector Series Name:	UHD
Locking:	No
Tool Compatibility:	AP105210 (crimp no diet), AP105244 (mated die)
Termination Type:	Crimp

Termination Front Connection Durability:	≥ 500 cycles
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**Standards**

Series Type:	7
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**Applicable Environmental and Other Programs**

Environmental Space:	Indoor
EU Directive 2011/65/EU (RoHS 2):	Yes

**Suitability**

Suitability - Indoor:	Yes
Suitability - Outdoor:	No

**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**History**

Update and Revision:	Revision Number: 0.25 Revision Date: 08-16-2023
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