



Product: [1794ABHD1](#)

6 GHz Series 7 BNC Connector

Product Description

Series 7, 6 GHz, HD, BNC, 1 piece connector

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | HD-SDI, Video, Digital Video, SMPTE 2081-1 6 Gb/s UHD TV, SMPTE 424M 3 Gb/s HD-SDI 1080P |
|------------------------|--|

Physical Characteristics (Overall)

| | |
|-------------------|----------------|
| Packaging: | 50 per package |
| Number of Pieces: | 1 |

Connectors

Materials

| Description | Material |
|-------------|----------------------|
| Nut | Brass, Nickel Plated |
| Body | Brass, Nickel Plated |
| 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 |

| | |
|-----------------------------------|------------------------------------|
| Electrical Characteristics Notes: | SMPTE 2081-1 Return Loss or better |
|-----------------------------------|------------------------------------|

Mechanical Characteristics

| | |
|---------------------------|--|
| Footprint/Type: | Coax |
| Connector Interface Type: | BNC |
| Gender: | Male - plug |
| Connector Series Name: | HD |
| Color Band: | White |
| Locking: | No |
| Tool Compatibility: | CPLCRBC1794 (Compression), PS-11 (Strip) |
| Termination Type: | Compression |

Standards

| | |
|--------------|---|
| Series Type: | 7 |
|--------------|---|

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) |

Suitability

| | |
|------------------------|-----|
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | No |

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Related Part Numbers

Variants

| Item # | Color | UPC |
|-----------|-------|--------------|
| 1794ABHD1 | White | 845671002508 |

| | |
|-----------|---|
| Footnote: | Q - STANDARD PACKAGES CANNOT BE BROKEN. |
|-----------|---|

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.163 Revision Date: 03-04-2023 |
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