



Product: [1694ABHD1](#)

6 GHz RG6 BNC Connector

Product Description

RG-6, 6 GHz, HD, BNC, 1 piece connector

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | HD-SDI, Video, Digital Video, SMPTE 2081-1 6 Gb/s UHDTV, 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: | Green |
| Locking: | No |
| Tool Compatibility: | CPLCRBC-BR (compression), PSA59/6 (strip) |
| Termination Type: | Compression |

Standards

| | |
|----------|---|
| RG Type: | 6 |
|----------|---|

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 |
|-----------|-------|--------------|
| 1694ABHD1 | Green | 845671002416 |

| | |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

History

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| Update and Revision: | Revision Number: 0.169 Revision Date: 03-04-2023 |
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