



Product: [4731RBUHD3 B100](#)

12 GHz Mini RG-11 BNC Connector

Product Description

RG-11, 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 UHDTV, SMPTE 2081-1 6 Gb/s UHDTV, SMPTE 424M 3 Gb/s HD-SDI 1080P |
|------------------------|--|

Physical Characteristics (Overall)

| | |
|------------|---------------------------------|
| Packaging: | 25 Pack or 100 Bulk |
| Weight: | 1.87kgs / 4.122lbs per 100 pack |

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 (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 |
|-----------------------------------|------------------------------------|

Mechanical Characteristics

| | |
|---|---|
| Footprint/Type: | Coax |
| Connector Interface Type: | BNC |
| Gender: | Male - plug |
| Connector Series Name: | UHD |
| Locking: | No |
| Tool Compatibility: | Kings KTH-1000, (Crimp Die Pin) KTH-2010, (Crimp Die Sleeve) KTH-2041 |
| Termination Type: | Crimp |
| Cable Center Conductor Diameter Limits: | 0.063 - 0.0650 in |
| Cable Dielectric Diameter Limits: | 0.2795 - 0.2894 in |

| | |
|-------------------------------------|--------------------|
| Cable Outer Jacket Diameter Limits: | 0.3976 - 0.4134 in |
|-------------------------------------|--------------------|

Standards

| | |
|----------|----|
| RG Type: | 11 |
|----------|----|

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 |
|---------------|----|

Related Part Numbers

Variants

| Item # | Color | UPC |
|-----------------|----------|--------------|
| 4731RBUHD3 B100 | No Color | 612825405726 |

History

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|----------------------|---|
| Update and Revision: | Revision Number: 0.38 Revision Date: 03-04-2023 |
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