



**Product:** [4694RMBUHD3](#)

## 12 GHz Micro BNC Crimp Connector



### Product Description

RG-6, 12 GHz, Ultra High Definition, Micro BNC, 3 Piece crimp connector

### 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:        | 50 per package                 |
| Number of Pieces: | 3                              |
| Weight:           | 0.35kgs / 0.761lbs per 50 pack |

#### Electrical Characteristics

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Electrical Characteristics Notes: | SMPTE 2082-1 Return Loss or better |
|-----------------------------------|------------------------------------|

#### Mechanical Characteristics

|   |                                     |
|---|-------------------------------------|
| Footprint/Type:                         | Coax                                |
| Connector Interface Type:               | Micro BNC                           |
| Gender:                                 | Male - plug                         |
| Connector Series Name:                  | UHD                                 |
| Locking:                                | No                                  |
| Tool Compatibility:                     | BB3PHCT (crimp) & BB3PHCTD6 (crimp) |
| Termination Type:                       | Crimp                               |
| Cable Center Conductor Diameter Limits: | 0.3740 - 0.0401 in                  |
| Cable Dielectric Diameter Limits:       | 0.1771 - 0.1870 in                  |
| Cable Outer Jacket Diameter Limits:     | 0.2657 - 0.2795 in                  |

#### 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): | Yes |
|---------------|-----|

## Related Part Numbers

### Variants

| Item #          | UPC          |
|-----------------|--------------|
| 4694RMBUHD3 B50 | 612825489177 |

## History

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.17 Revision Date: 11-09-2022 |
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