



**Product:** [179DTBHD3](#)

6 GHz Ultra-miniature Cable BNC Connector

**Product Description**  
Ultra-miniature, 6 GHz, HD, BNC, 3 piece crimp 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
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**Physical Characteristics (Overall)**

Packaging:	50 per package
Number of Pieces:	3

**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
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**Mechanical Characteristics**

Footprint/Type:	Coax
Connector Interface Type:	BNC
Gender:	Male - plug
Connector Series Name:	HD
Locking:	No
Tool Compatibility:	BB3PHCT (crimp)
Termination Type:	Crimp

**Standards**

RG Type:	Ultra-miniature 59
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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
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Related Part Numbers

Variants

Item #	Color	UPC
179DTBHD3	Yellow	845671002317

Footnote:	Q - STANDARD PACKAGES CANNOT BE BROKEN.
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History

Update and Revision:	Revision Number: 0.172 Revision Date: 03-04-2023
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