



Part Number: 1506ABHD1

6 GHz RG59 BNC Connector

Product Description
RG-59, 6 GHz, HD, BNC, Plenum, 1 piece connector

Technical Specifications

Product Overview

Environmental Space:	Indoor
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)

Conductor Size:	20 AWG
Packaging:	50 per package

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

Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
5-1485	15 dB
1485-3000	10 dB
3000-4500	7 dB

Electrical Characteristics Notes:	SMPTE 2081-1 Return Loss or better to 4.5 GHz
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Mechanical Characteristics

Footprint/Type:	Coax
Connector Interface Type:	BNC
Connector Series Name:	HD
Locking:	No
Tool Compatibility:	CPLCRBC-BR (compression), PSA59/6 (strip)
Termination Type:	Compression
Cable Center Conductor Diameter Limits:	0.0295 - 0.0322 in
Cable Dielectric Diameter Limits:	0.1259 - 0.1377 in
Cable Outer Jacket Diameter Limits:	0.1870 - 0.2007 in

Standards

RG Type:	59/U Type
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Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No

Part Number

Variants

Item #	Color	Footnote
1506ABHD1	Red	Q

Footnote:	Q - STANDARD PACKAGES CANNOT BE BROKEN.
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