Product: 1694ABHDLW

6 GHz RG6 BNC Connector, Locking, Watertight

Product Description

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

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

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
3000-4500	7 dB

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

Mechanical Characteristics

Footprint/Type:	Coax
Connector Interface Type:	BNC
Gender:	Male - plug
Connector Series Name:	HD
Color Band:	Green
Locking:	Yes
Tool Compatibility:	CPLCRBC-BR (compression), PSA59/6 (strip)
Termination Type:	Compression

Standards

RG Type:	6

Applicable Environmental and Other Programs

Environmental Space:	Indoor/Outdoor
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:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No

Related Part Numbers

Variants

Item #	Color	UPC
1694ABHDLW	Green	845671002805

Footnote:	Q - STANDARD PACKAGES CANNOT BE BROKEN.

History

Update and Revision:	Revision Number: 0.157 Revision Date: 03-04-2023

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