

12G SDI HD-BNC Male 75 Ohm Connector Crimp/Solder Attachment for Belden 4694R, Belden 1694A, RG6



LCCN3096

Configuration

- HD-BNC Male Connector
- 75 Ohms
- Straight Body Geometry
- Belden 4694R, Belden 1694A, RG6 Interface Type
- Crimp/Solder Attachment

Features

- Meets SMPTE ST 2082-1
- Backwards Compatible with 2081-1
- 12Gb/s Transmission
- Cost Effective
- 4x Panel Density of Standard BNC
- 20% Lighter than Standard BNC

Applications

- 12G-SDI, Video, and Broadband UHDTV
- Broadband Internet Delivery
- Broadcast A/V
- 4K/8K Video Equipment
- Medical Equipment Requiring High Speed Video
- HD Cameras

Description

L-COM's 12G-SDI HD-BNC connector LCCN3096 utilizes 12Gb/s data transfer rates to enable high resolution uncompressed video signal transmission. These products offer 4K and Ultra-HD quality signals that meet SMPTE ST 2082-1. These 75 Ohm connectors are available in PCB edge-mount, straight, or right angle configurations, as well as coaxial connectors to be used in industry standard cable assemblies.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		12	GHz

Mechanical Specifications

Size

Length	0.947in	[24.05mm]
Width/Dia.	0.305in	[7.75mm]
Height	0.305in	[7.75mm]
Weight	0.05lbs	[22.68g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 10 µin minimum
Insulation	PTFE	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[12G SDI HD-BNC Male 75 Ohm Connector Crimp/Solder Attachment for Belden 4694R, Belden 1694A, RG6 LCCN3096](#)

12G SDI HD-BNC Male 75 Ohm Connector Crimp/Solder Attachment for Belden 4694R, Belden 1694A, RG6



LCCN3096

Outer Conductor	Brass	Nickel 50 µin minimum
Body	Brass	Nickel 100 µin minimum
Gasket	Silicone	
Crimp Sleeve	Brass	Nickel

Environmental Specifications

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

12G SDI HD-BNC Male 75 Ohm Connector Crimp/Solder Attachment for Belden 4694R, Belden 1694A, RG6 from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components. Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 12G SDI HD-BNC Male 75 Ohm Connector Crimp/Solder Attachment for Belden 4694R, Belden 1694A, RG6 LCCN3096

URL: <https://www.l-com.com/12g-sdi-75-ohm-hd-bnc-male-connector-crimp-solder-attachment-belden-4694r-belden-1694a-rg6-lccn3096-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.ontained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

L-com CAD Drawing

