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0 dBi Tunable Telescopic Portable Antenna 118-174 MHz BNC Connector

Antennas Technical Data Sheet

HG110TEL-BNC

Features

- Telescopic radiator
- Flexible support mast for impact resistance
- UV Stabilized
- Field Tunable

Applications

- Portable hand-held instrumentation
- Bench test equipment
- Fixed wireless monitoring equipment

Description

This telescopic, field tunable VHF antenna is ideally suited for portable and fixed applications.

Configuration

Design	Portable
Application Band	VHF
Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Vertical
Ground Plane	Dependent
Connector Type	BNC Plug
Housing Material and Plating	Polyolefin

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range (field tunable range)	118		174	MHz
Input VSWR		2:1		
Impedance		50		Ohms
Gain		0		dBi
Input Power			10	Watts

Mechanical Specifications

Housing Material	Polyolefin
Radiator Material	Brass
Radiator Finish	Black Chrome
Size	
Length	8.43 in [214.12 mm]

Connectors

Description	Connector 1	Connector 2	Connector 3
Body Material and Plating	Brass, Nickel		

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [0 dBi Tunable Telescopic Portable Antenna 118-174 MHz BNC Connector HG110TEL-BNC](#)



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Environmental Specifications

Temperature

Operating Range

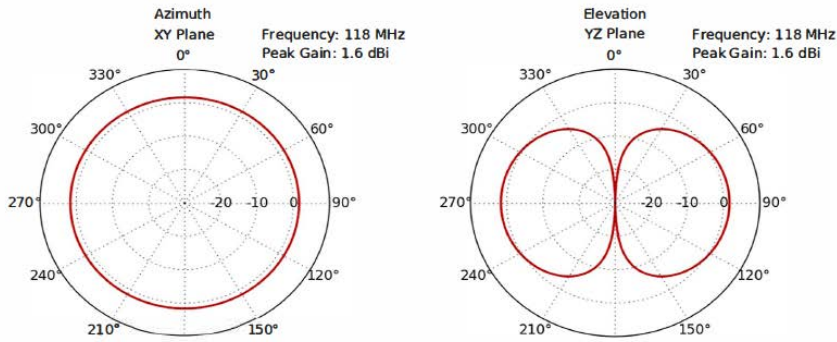
-20 to +65 deg C

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

Plotted and Other Data

Notes:

Typical Radiation Pattern



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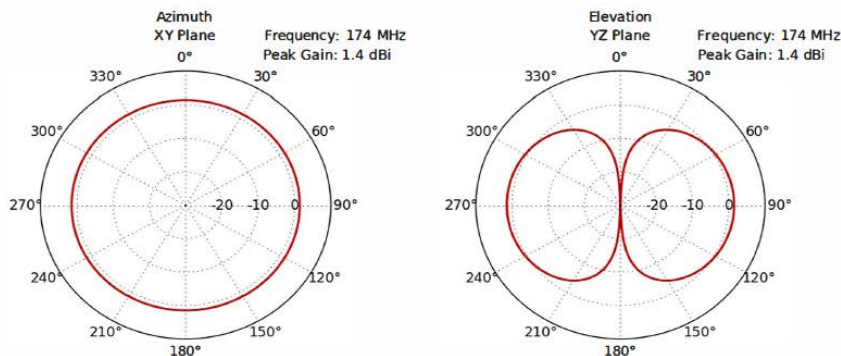
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Our portfolio includes cable assemblies, connectors, adapters and custom products, as well as their wireless product line which includes antennas, RF amplifiers, coaxial lightning and surge protectors, and NEMA rated enclosures.

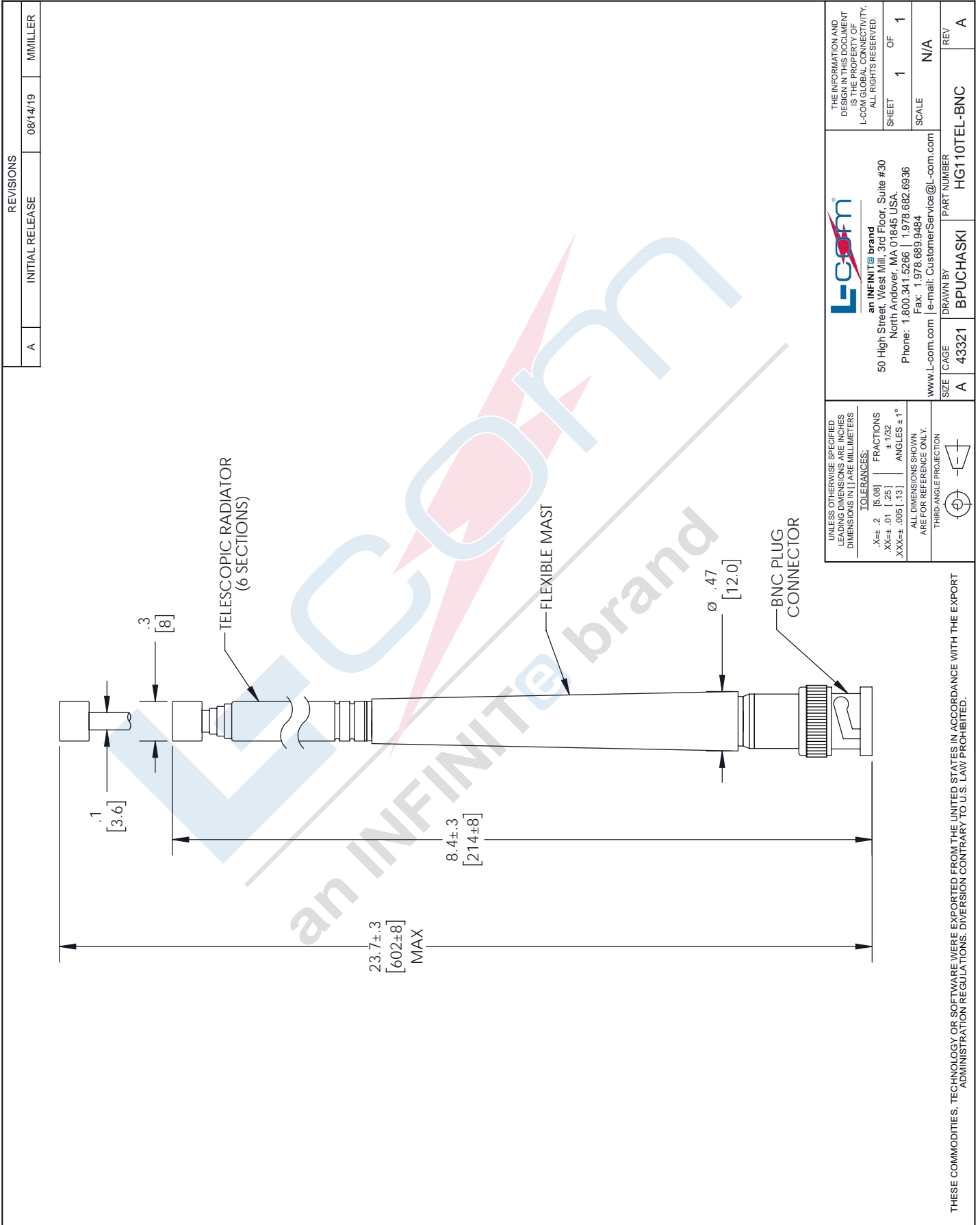
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URL: <https://www.l-com.com/Undefined URL for PN HG110TEL-BNC-p.aspx>

The information contained in 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 implement 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 any liability arising out of the use of any part or documentation.

HG110TEL-BNC CAD Drawing

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REVISIONS		08/14/19	MMILLER
A	INITIAL RELEASE		

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<p>L-com an INFINITE brand</p> <p>50 High Street, West Mill, 3rd Floor, Suite #30 North Andover, MA 01845 USA Phone: 1 800 341 5266 1 978 682 6936 Fax: 1 978 689 9484 www.L-com.com e-mail: CustomerService@L-com.com</p>		<p>DRAWN BY BPUCHASKI</p> <p>PART NUMBER HG110TEL-BNC</p>	
SIZE	CAGE	REV	
A	43321		A

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