

Balun Transformer

High Frequency 5 MHz - 1.2 GHz



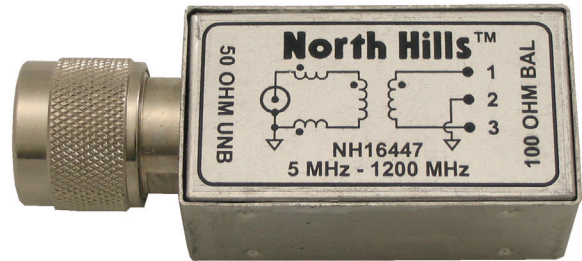
Data Sheet

North Hills Ultra High Frequency 50 ohm to 100 ohm balun provides an easy and straightforward means of measuring circuit characteristics to 1.2 GHz

The Ultra High Frequency Balun matches impedance in either direction and is precision-engineered for low insertion and return loss.

Bandwidth extends from a low-frequency 3 dB cut-off (LCO) of 5 MHz to a 3 dB high frequency cut-off.

***North Hills Application Note 151 - "Wideband Transformers"** provides further information on the subject of balun transformers.



North Hills NH16447 High Frequency Balun Transformer

Features:

- Superior electrical performance from 5 MHz to 1.2 GHz
- Insertion loss less than 3 dB
- Return loss better than 18 dB

Benefits:

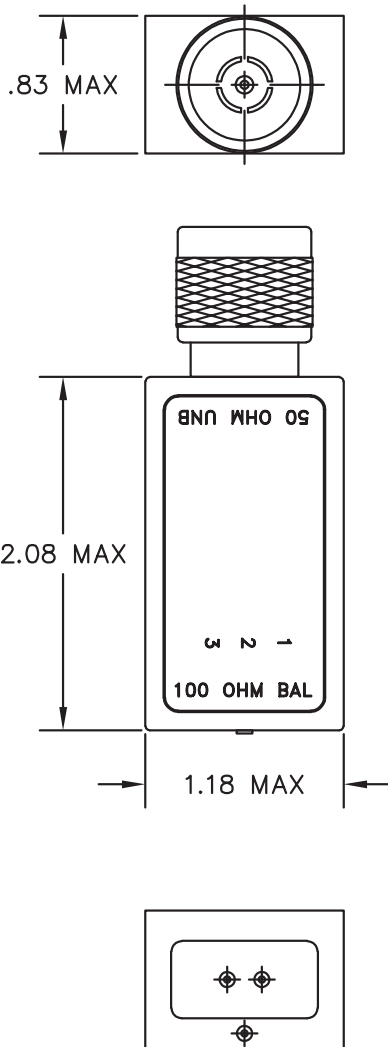
- Easy interface with most Network Analyzers
- Eliminates need for expensive interface hardware

For more information: www.BTTC-Beta.com/HFBalun

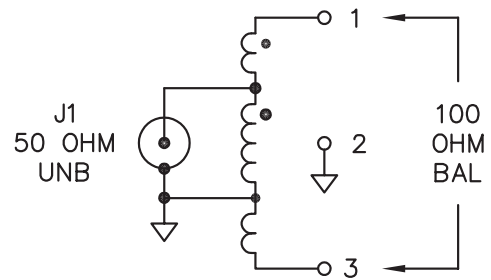


Technical Drawings

Case Styles



Schematics



Specifications

Materials (unless otherwise specified)	
Parameter	Value
Case & Cover	Cold Rolled Steel
Finish	Hot Tin Dip
Terminals (Output)	Sockets for $\varnothing.040$ (18 GA.) pins
50 ohm Side (J1) Connector	Type N Plug

Ordering Information

Model	Impedance	Frequency Range	Return Loss	Insertion Loss
NH16447	50 Ω Unbalanced/100 Ω Balanced	5 MHz - 1.2 GHz	18 dB Minimum	<3 dB

50 and 75 ohm models for a wide range of balanced impedances are available upon request. Please contact us at 516-682-7740.



The information in this Brochure is believed to be accurate; however, no responsibility is assumed by Beta Transformer Technology Corporation for its use, and no license or rights are granted by implication or otherwise in connection therewith. Specifications are subject to change without notice.

For ordering assistance and technical support,

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