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INSTRUCTION MANUAL

ZHC-12a

Headend Combiner (Passive) Stock No. 5959A

Description

The Blonder Tongue ZHC-12a is a 40-1000 MHz passive output combiner with twelve broadband input ports. It is used in headends to combine up to twelve modulators and/or processors.

The ZHC-12a features high isolation between ports and low net combining loss from each of the twelve inputs. A -20dB test jack, on the front panel, permits testing without removing the unit from the headend. Headend output levels may be conveniently adjusted without disconnecting any equipment.

The ZHC-12a is a compact, 1-3/4" high unit designed for mounting in a standard 19" EIA rack.

Features

- High isolation between ports
- Built-in output test jack permits testing with uninterrupted service

Specifications

Electrical

Frequency Range: 40-1000 MHz

Insertion Loss

40-450 MHz: 17 dB 450-1000 MHz: 20 dB

Isolation: 30 dB Impedance: 75 Ohm

Test Jack: -20 dB

Mechanical

Dimensions: 19" W x 1-3/4" H x 2-7/8" D

Shipping Weight: 2 lbs.
Signal Connections "F" Type

Input:12 Output: 1 Test: 1

Testing

The performance of the ZHC-12a can be checked at the -20 dB test jack (located on the front panel) without interrupting service. A standard 75 ohm "F" type connector is used.

Returning Product for Repair (or Credit)

A Return Material Authorization (RMA) Number is required on all products returned to Blonder Tongue, regardless if the product is being returned for repair or credit. Before returning product, please contact the Blonder Tongue Service Department at 1-800-523-6049, Ext. 4256 or visit our website: www.blondertongue.com for further information.

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Blonder Tongue Laboratories, Inc. (BT) will at its sole option, either repair or replace (with a new or factory reconditioned product, as BT may determine) any product manufactured by BT which proves to be defective in materials or workmanship or fails to meet the specifications which are in effect on the date of shipment or such other specifications as may have been expressly agreed upon in writing (i) for a period of one (1) year from the date of original purchase (or such shorter period of time as may be set forth in the license agreement specific to the particular software being licensed), with respect to iCentralTM (hardware and software) and all other software products (including embedded software) licensed from BT, (ii)) for a period of one (1) year from the date of original purchase, with respect to all fiber optics receivers, transmitters, couplers and integrated receivers/distribution amplifiers (including TRAILBLAZERTM, RETRO-LINXTM and TWIN STARTM products) as well as for VideoCipher® & DigiCipher® satellite receivers, and (iii) for a period of three (3) years from the date of original purchase, with respect to all other BT products. Notwithstanding the foregoing, in some cases, the warranty on certain proprietary sub-assembly modules manufactured by third-party vendors and contained in BT products and on certain private—label products manufactured by third-party proprietary sub-assembly modules and private-label products will be limited to the duration and other terms of such third-party vendor's warranty. In addition, certain products, that are not manufactured but are resold by BT, carry the original OEM warranty for that product. The limited warranty set forth in this paragraph does not apply to any product sold by BT, which at the time of sale constituted a Closeout Product.

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To obtain service under this warranty, the defective product, together with a copy of the sales receipt or other satisfactory proof of purchase and a brief description of the defect, must be shipped freight prepaid to: Blonder Tongue Laboratories, Inc., One Jake Brown Road, Old Bridge, New Jersey 08857.

This warranty does not cover damage resulting from (i) use or installation other than in strict accordance with manufacturer's written instructions, (ii) disassembly or repair by someone other than the manufacturer or a manufacturer-authorized repair center, (iii) misuse, misapplication or abuse, (iv) alteration, (v) lack of reasonable care or (vi) wind, ice, snow, rain, lightning, or any other weather conditions or acts of God.

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