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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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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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