

Combiners

ZHC Series



○ Features & Benefits

- Rack Mountable - 1 EIA (1.75") Rack Space
- High Isolation
- -20 dB Test Port

The ZHC Series are professional quality, passive and active output combiners. These units are designed for use in headends to combine the outputs of multiple modulators and processors. The ZHC-12 has twelve (12) broadband input ports and one combined output port. The ZHCA-16c is a 16 port active combiner, providing over all unity gain and is commonly referred to as a "zero loss" combiner.

○ Specifications

	ZHC-12a	ZHCA-16c
RF		
Number of Inputs:	12	16
Frequency Range (MHz):	40-1000	50-750
Input Level - Max (dBmV):	NA	+57
Output Level - Max (dBmV):	NA	+48
Cross Modulation (dBc):	NA	-57
Overall Unit Gain (dB):	NA	0 to -1
Gain Control Range (dB):	NA	9
Insertion Loss (dB):	40-450 MHz 17 dB 450-1000 MHz 20 dB	NA
Isolation (dB):	30	40
Flatness (dB):	3	3
Impedance - All Ports (Ω):	75	75
General		
Power Requirements		
Voltage (VAC):	NA	117 ± 10%
Frequency (Hz):	NA	60
Power (W):	NA	10
Temperature Range (°C):	NA	0 to +50
Mechanical		
Dimensions (W x H x D):	19.0 x 1.75 x 2.88 in. 483 x 44 x 73 mm	19.0 x 1.75 x 2.88 in. 483 x 44 x 73 mm
Weight lbs:	2.0 lbs., 0.91 kg	3.0 lbs., 1.36 kg
Connectors		
RF Input & Output:	"F" Female	"F" Female
Test Port:	"F" Female	"F" Female
Controls		
Gain:	NA	Control

Refer to product instruction manual for additional specification measurements and notes.

○ Ordering Information

Model	Stock No.	Description
ZHC-12a	5959A	Passive Combiner 40-1000 MHz, 12 Ports
ZHCA-16C-750	7757	Active Combiner 50-750 MHz, 16 Ports