XHC & LCC Se

Headend Combiners

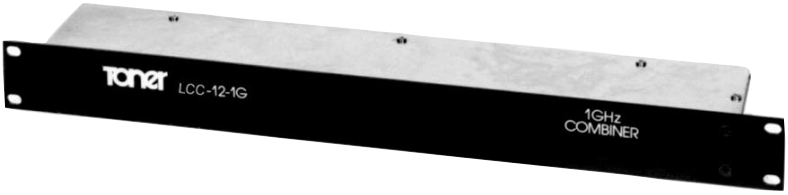
XHC Series 8, 12 & 16 Way Headend Combiners

The Toner XHC Series combiners are full bandwidth 5 MHz to 1 GHz 8, 12, or 16 way combiner/splitters. They may be used to combine the outputs of separate signal sources such as modulators and processors or it also can be used to distribute the output of a phase lock generator or emergency alert system.

SPECIFICATIONS

Model	XHC-8-1G	XHC-12-1G	XHC-16-1G
Bandwidth	5-1000 MHz		
Number of Inputs	8	12	16
Test Port	1 @ -20 dB		
Flatness (10-1000 MHz)	1.5 dB	1.5 dB	2.0 dB
Impedance	75 ohms		
F Ports	1/2" silver plated 3/8" - 32 UNEF		
Insertion Loss (± 1.5 dB)	14.5 dB	17.5 dB	20 dB
Port to Port Isolation			
5-800 MHz	40 dB typical, 36 dB minimum		
800-1000 MHz	38 dB typical, 32 dB minimum		
Input Return Loss	18 dB typ, 15 dB min	18 dB typ, 14 dB min	18 dB typ, 14 dB min
Output Return Loss	18 dB typ, 15 dB min	18 dB typ, 13 dB min	18 dB typ, 12 dB min
Dimensions	19 W x 3.5" D x 1.75" H (482 mm x 87 mm x 44 mm)		
Weight	3 lb, 9 oz (1.47 kg)		

LCC-12-1G Headend Combiner



The LCC-12-1G is a full bandwidth, 5 to 1000 MHz, 12 way combiner. This unit features 12 F type inputs and 1 F type output on the back with a -20 dB test point on the front for convenience.

SPECIFICATIONS

Frequency Range	5 MHz to 1 GHz
Flatness	3 dB 10 MHz to 1000 MHz
Inputs	12
Test Ports	-20 dB
Output Ports	1
Isolation	34 dB typical (30 dB minimum)
Insertion Loss	17 dB typical (20 dB maximum)
Input Return Loss	15 dB typical (12 dB minimum)
Output Return Loss	15 dB typical (12 dB minimum)
Impedance	75 ohm
Size (LxWxD)	19 x 3 1/8" x 3/12 483 mm x 79 mm x 44 mm
Weight	3 lb-9 oz (1.47 kg)