



**OTHC-12**

**HEAD-END COMBINER**

**INSTRUCTION MANUAL**

Phone: (209) 586-1022  
(800) 545-1022  
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**OTHC-12**  
**HEAD-END COMBINER**

The Olson Technology Model OTHC-12 Head End Combiner is a high isolation, directional coupler design for the ultimate in head-end performance and ease of cabling. Single rack space (1.75") mounting provides for space efficient utilization.

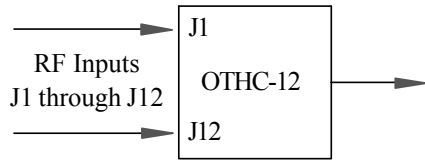
**SPECIFICATIONS**

Frequency Range.....	5MHz to 550MHz
Frequency Response.....	+1.5dB maximum to 450MHz +2.0dB maximum to 550MHz
Port-Port Isolation.....	>40dB
Insertion Loss.....	19 +3dB
RF Inputs.....	12 Type F Connector
RF Output.....	1 Type F Connector
RF Test (-20dB).....	1 Type F Connector (Output)
Size.....	1.75" H x 19" W x 2" D

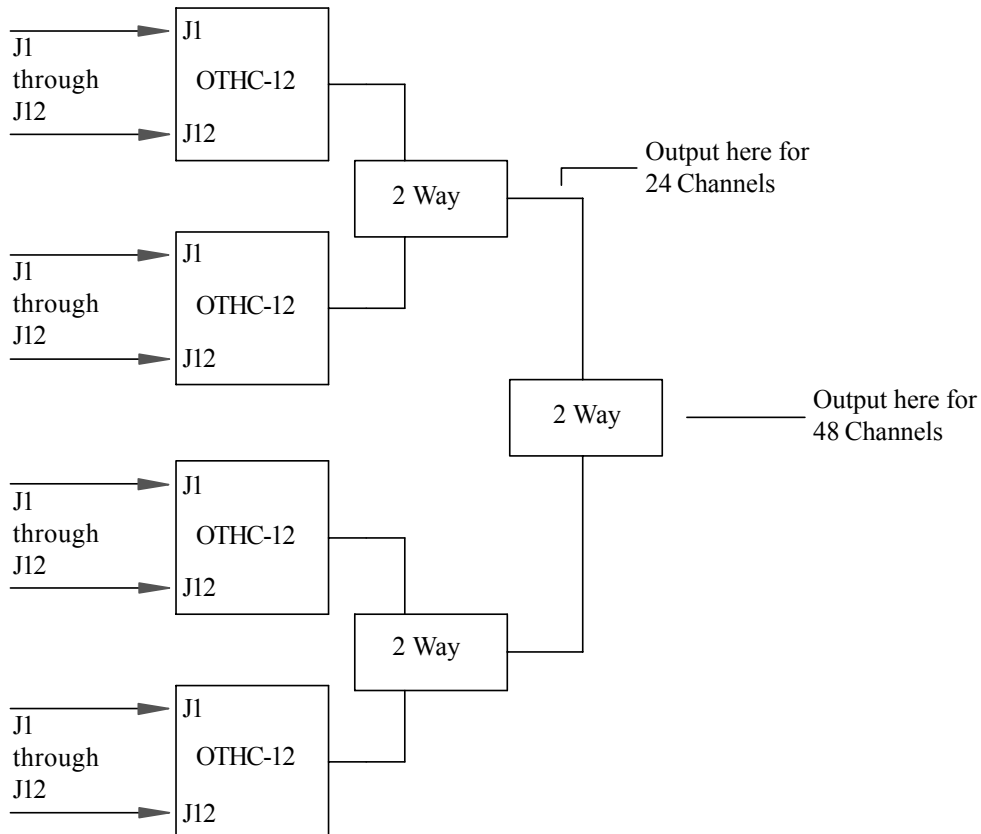
## OTHC-12 HEAD-END COMBINER

The Olson Technology OTHC-12 is a 12 port head-end combiner utilizing the directional coupler method of combining.

### Combining methods for 12 channels:



### Combining methods for more than 12 channels:





**OTHC-12-1G**

**12 PORT HEAD-END COMBINER**

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**OTHC-12-1G**  
12 PORT HEAD-END COMBINER

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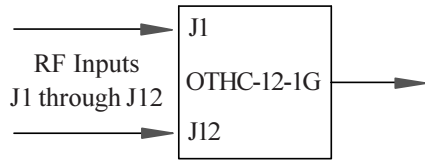
**SPECIFICATIONS**

Frequency Range.....	50MHz to 1000MHz
Port-Port Isolation.....	>40dB (50 - 550MHz) >30dB (551 - 1000MHz)
Insertion Loss.....	Nominal 20 - 2 + 3 1/2dB
RF Inputs.....	12 Type F Connector
RF Output.....	1 Type F Connector
RF Test (-20dB).....	1 Type F Connector (Output)
Size.....	1.75" H x 19" W x 2" D

**OTHC-12**  
HEAD-END COMBINER

The Olson Technology OTHC-12 is a 12 port head-end combiner utilizing the directional coupler method of combining.

**Combining methods for 12 channels:**



**Combining methods for more than 12 channels:**

