



## PHC-12G 1GHz Broadband Passive Headend 12 Channel Combiners

## PHC-24G 1GHz Broadband Passive Headend 24 Channel Combiners

- 165 Channel Frequency Range 5~1000MHz (CATV T7~13, 2~13, A1~A5, A~ZZZ, 89~158)
- High -30dB port-to-port isolation provides spurious carrier rejection and minimizes undesired channel interaction, thereby reducing picture distortion
- Passive design allows full bi-directional flexibility for two-way digital and analog requirements
- Directional coupler design and low insertion loss provide improved carrier to noise, system performance and picture quality
- -20dB test port provides convenient access for headend testing and system monitoring



Front View

Rear View

### Specifications

<b>Bandwidth</b>	5~1000MHz	<b>Output Connector Type</b>	75 F-Female
<b>Isolation (opposite ports)</b>	40dB	<b>Dimensions</b>	19"(L) x 3"(D) x 1.75"(H)
<b>Isolation (adjacent ports)</b>	30dB	<b>Weight - (PHC-12G)</b>	2.5lbs.
<b>Insertion Loss (max) - (PHC-12G)</b>	-18dB	<b>Weight - (PHC-24G)</b>	3.3lbs.
<b>Insertion Loss (max) - (PHC-24G)</b>	-21dB		
<b>Test Point Loss</b>	20dB		
<b>Input Connector Type</b>	75 F-Female		

### Ordering Information

- PHC-12G** 1GHz Broadband Passive Headend 12-Channel Combiner  
**PHC-24G** 1GHz Broadband Passive Headend 24-Channel Combiner