

HFH2-1 Series

Broad Band Hybrid Combiners are a versatile solution for combining or splitting transmitter powers while ensuring optimal isolation between the separate signal paths.

The HFH2-1 Series is a versatile solution for various applications, including combining two co-phased transmitters to achieve full output power, making it ideal for broadcast systems. It also enables the combination of unequal frequencies while maintaining excellent isolation, ensuring optimal performance. Additionally, the HFH2-1 Series supports power splitting with isolation between outputs, providing a reliable way to manage signal distribution effectively.

Designed for seamless integration, our hybrid combiners enhance the efficiency and performance of transmitter systems. Whether you need to maximise power output by combining transmitters or split power while maintaining isolation, the HFH2-1 Series delivers the flexibility and reliability required for high performance communication systems.



Spec	2 x 1kW HF Hybrid Combiner
Frequency	1.5 - 32 MHz
Impedance	50 ohm
Input power	2 x 1 kW average (2kW peak)
Output power	2kW average (4kW peak)
Insertion loss	<0.25dB (matched loads)
VSWR	<1.2 : 1 max
Load VSWR	2.5 : 1 max
Connectors	'N'
Weight	12kg
Construction	Cast aluminium case, solid encapsulation, epoxy paint finish
Load ports	2 x 50 Ohms 'N' Connectors
Isolation	>30 dB (matched loads)
Environment	Outdoor unprotected

