

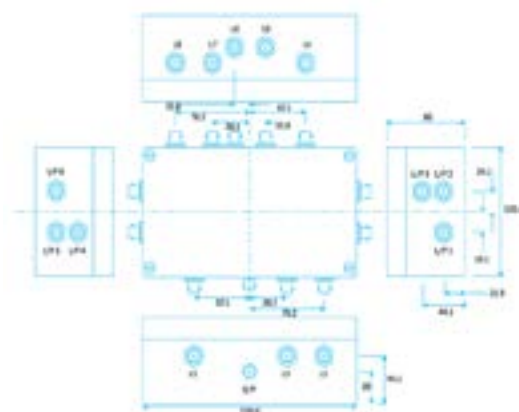
HFH6-50/B Series

Our Broad Band VHF Hybrid is a cutting-edge solution for combining six unrelated signals within the frequency range of 20 to 90 MHz.

Combining multiple unrelated signals effortlessly in the 20 to 90 MHz frequency range, our Broad Band VHF Hybrid offers unparalleled performance. With an impedance of 50 ohms and input power of 6 x 50 watts, this hybrid ensures seamless signal integration.

Experience minimal signal loss, as the insertion loss is kept below 0.75 dB, with an additional 7.8 dB splitting loss. Achieve optimal performance with VSWR less than 1.2 : 1 for matched loads, and a maximum load VSWR of 2.5:1.

Designed for convenience and durability, our Broad Band VHF Hybrid features BNC connectors for easy setup and integration. Housed in a lightweight yet robust cast aluminium case with solid encapsulation and an epoxy paint finish, it ensures reliability and longevity. With 8 x 50 ohm load ports, each handling up to 32 watts, it offers flexibility for various configurations. It also delivers superior performance with isolation greater than 30 dB when matched loads are used.



Spec	HFH6-50/B
Configuration	Cast aluminium case, solid encapsulation, epoxy paint finish
Connectors	BNC
Frequency	20 - 90 MHz
Impedance	50 ohm
Input power	6 x 50 Watt
Insertion loss	<0.75 dB + 7.8 dB splitting loss
Isolation	> 40 dB (matched loads)
Load ports	8 x 50 ohm (32 Watt each)
Load VSWR	2.5 : 1 max
Output power	50 Watt
VSWR	Less than 1.2 : 1 (matched loads)
Weight	1kg (exclusive of mounting plate and loads)

