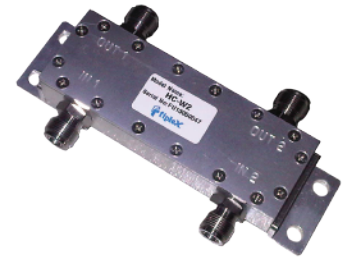


# 3dB HYBRID VHF AND UHF

HC-Series

## Product Features

- High power handling capability
- Low flat ripple
- Good phase stability
- Wide temperature range
- Broadband isolation level



3dB Hybrid



Specification	HC-A2	HC-B2
Type	3dB hybrid	3dB hybrid
Frequency band	136-174 MHz	360-520 MHz
Input power, max	300 W max	300 W max
Insertion loss	3.1 dB +/- 0.6 dB	3.1 dB +/- 0.6 dB
Isolation, min	25dB min	25dB min
VSWR	1.2:1	1.2:1
Impedance	50 Ω	50 Ω
IMD	>150dBc @ 2x 43dBm	>150dBc @ 2x 43dBm
Connectors	N (f)	N (f)
Environmental	IP65	IP65
Dimension	6.3 x 1.7 x 1.3 inches • 160 x 42 x 32 mm	
Temperature range	-22° to 158° F • -30° to +70° C	
MTBF	>1,000,000 hours	

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