

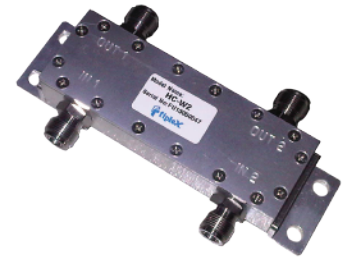
BROADBAND 3dB HYBRID

698 - 2690 MHz

HC-W2
HC-W3
HC-W8

Product Features

- Broadband operation, 700 - 2700 MHz
- High power handling capability
- Low flat ripple
- Good phase stability
- Wide temperature range
- Broadband isolation level



3dB Hybrid



Specification

Value

Type	3dB hybrid		
Frequency band	698-2690 MHz		
Input power, max	HC-W2: 200 W max	HC-W3: 50W	HC-W8: 200W
Insertion loss	3.1 dB +/- 0.6 dB		
Isolation, min	25dB min		
VSWR	1.25:1 min		
Impedance	50 Ω		
IMD	>150dBc @ 2x 43dBm		
Connectors	HC-W2: N (f)	HC-W3: SMA (f)	HC-W8: DIN 7/16 (f)
Environmental	IP65		
Dimension (excluding connectors)	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		