

Wideband Hybrid Coupler

HC-H4AX

Hybrid 4x4, 617-4200MHz, 4.3-10 Female, Low PIM

- Wideband design covering 617-4200MHz
-4G & 5G NR network, supporting C-band N77, N78
- Connects 4 inputs to 4 outputs
- Suitable for indoor/outdoor environment
- High Reliability and Low Insertion Loss



Electrical Specification

Product Model	HC-H4AX
Frequency (MHz)	617-4200
Coupling Tolerance (dB)	6.1 ± 1.6
VSWR	≤ 1.3
Isolation (dB)	≥ 23*
PIM (dBc)	< -155 @ 2 x 43dBm
Average Power, max (W)	400
Peak Power, max (W)	1000
Impedance (ohm)	50

*Valid if all ports are properly terminated with 50ohm load

Mechanical Specification

Dimension (in/mm)	8.43x5.79x2.44 / 214.0x147.0x62.0
Weight (lb./kg)	4.63 / 2.1
Shipping Dimension (in/mm)	9.84x7.09x3.94 / 250.0x180.0x100.0
Shipping Weight (lb./kg)	5.07 / 2.3
Connector	8 x 4.3-10 Female

Environment & Compliance

Application	Outdoor / Indoor
Operating Temperature	-40°C to +85°C
Environment	IP67
Relative Humidity	5-95%
RoHS	Compliant

Outline Drawing

