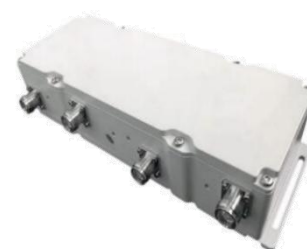


Wideband Hybrid Coupler

HC-H4AI

Low PIM(-161dBc), 4x4 Hybrid, 617-4200MHz, 4.3-10 Female

- 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-H4AI
Frequency (MHz)	617-4200
Coupling Value (dB)	6.0 ± 0.9
Insertion Loss (dB)	0.8 ± 0.1
VSWR	≤ 1.25
Isolation (dB)	≥ 20
PIM (dBc)	< -161 @ 2 x 43dBm
Average Power, max (W)	300
Peak Power, max (W)	1000
Impedance (ohm)	50

Mechanical Specification

Dimension (in/mm)	8.64x4.09x2.18 / 219.4x104.0x55.4
Weight (lb./kg)	4.85 / 2.2
Shipping Dimension (in/mm)	9.84x7.09x3.94 / 250.0x180.0x100.0
Shipping Weight (lb./kg)	5.51 / 2.5
Connector	4.3-10 Female

Environment & Compliance

Application	Outdoor / Indoor
Operating Temperature	-35°C to +85°C
Environment	IP65
Relative Humidity	5-95%
RoHS	Compliant

Outline Drawing

