

Wideband Hybrid Combiner

HC-H1AX

Hybrid Combiner, 617-4200MHz, 4.3-10 Female, Low PIM

- Wideband design covering 617-4200MHz
-4G & 5G NR network, supporting C-band N77, N78
- Connects 2 inputs to 1 output
- Suitable for indoor/outdoor environment
- High Reliability and Low Insertion Loss



Electrical Specification

Product Model	HC-H1AX
Frequency (MHz)	617-4200
Coupling Tolerance (dB)	3.1 ± 1.2
VSWR	≤ 1.3
Isolation (dB)	≥ 23
PIM (dBc)	< -155 @ 2 x 43dBm
Average Power, max (W)	300
Peak Power, max (W)	1000
Impedance (ohm)	50

Mechanical Specification

Dimension (in/mm)	11.18x9.53x3.31 / 242.0x200.0x84.0
Weight (lb./kg)	10.1 / 4.6
Shipping Dimension (in/mm)	10.24x10.24x5.91 / 260.0x260.0x150.0
Shipping Weight (lb./kg)	10.6 / 4.8
Connector	3 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

Unit: inches [mm]

