

Wideband Hybrid Coupler

HC-R4AI

Low PIM(-161dBc), 4x4 Hybrid, 698-2700MHz
4.3-10 Female

- Wideband design covering 698-2700MHz
- Connects 4 inputs to 4 outputs
- Suitable for indoor/outdoor environment
- High Reliability and Low Insertion Loss



Electrical Specification

Product Model	HC-R4AI
Frequency (MHz)	698-2700
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)	9.84x4.53x2.01 / 250.0x115.0x51.0
Weight (lb/kg)	4.85 / 2.2
Shipping Dimension (in/mm)	11.80x8.46x3.15 / 300.0x215.0x80.0
Shipping Weight (lb/kg)	5.51 / 2.5
Connector	HC-R4AI; 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

Units: inches [mm]

