

Wideband Hybrid Coupler

HC-K2-ON300L(I)/HC-K2-OMD300L(I) / HC-K2-OD300L(I)

Low PIM(-161dBc), Hybrid coupler, 555-2700MHz, 300W

- Wideband design covering 555-2700MHz
- Connects 2 inputs to 2 outputs
- Suitable for indoor/outdoor environment
- High reliability and low insertion loss



Electrical Specification

Product Model	HC-K2-ON300L(I)	HC-K2-OMD300L(I)	HC-K2-OD300L(I)
Frequency (MHz)		555-2700	
Coupling Value (dB)		3.0	
Coupling Tolerance (dB)		± 0.5	
Insertion Loss (dB)		≤ 0.5	
VSWR @ all ports		≤ 1.25	
Isolation (dB)		≥ 25	
PIM (dBc)		≤ -161 @ 2 x 43dBm	
Average Power, max (W)		300	
Peak Power, max (W)		1000	
Impedance (ohm)		50	

Mechanical Specification

Dimension (in/mm)	7.61x3.49x1.28 / 193.2x88.6x32.5	7.61x3.53x1.28 / 193.2x89.6x32.5	7.61x4.06x1.44 / 193.2x103.0x36.5
Weight (lb/kg)	1.61 / 0.73	1.65 / 0.75	2.21 / 1.00
Connector Type	N Female	4.3-10 Female	7/16 Female

Environment & Compliance

Application	Indoor / Outdoor	Operating Temperature	-35°C to +85°C
Environment	IP65	Relative Humidity	Up to 100%
RoHS	Compliant		

Outline Drawing

