



### 50W 2.0-40GHz 90° Hybrid Coupler

**Features:**

Connector Type: 2.4mm female  
 Frequency range 2-40GHz;  
 90°bridge/hybrid is strip line structure  
 low insertion loss and high isolation.  
 excellent amplitude and phase accuracy,  
 high power handling in operation.  
 It's mainly applied for Electronic  
 Countermeasure, Radar and used to Power  
 Combination, Signal Position Tracking, Mono pulse  
 Radar and Antenna Feed system etc.

**Customization available upon request**



2.4mm Coaxial 50W 2.0-40GHz 90° Hybrid Coupler

No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	2		40	GHz
2	Amplitude Balance			±1.5	dB
3	Phase Balance			±12	°
4	VSWR			1.8	
5	Insertion Loss			2.0	dB
6	Isolation	11	13		dB
7	Average Power			20	W cw
8	Operating Temperature	-55		+85	°C
9	Impedance		50		Ω
10	ROHS Compliance	yes			
11	Finish	Gray Paint			



# RF-LAMBDA

The power beyond expectations

RFHB02G40GVW

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