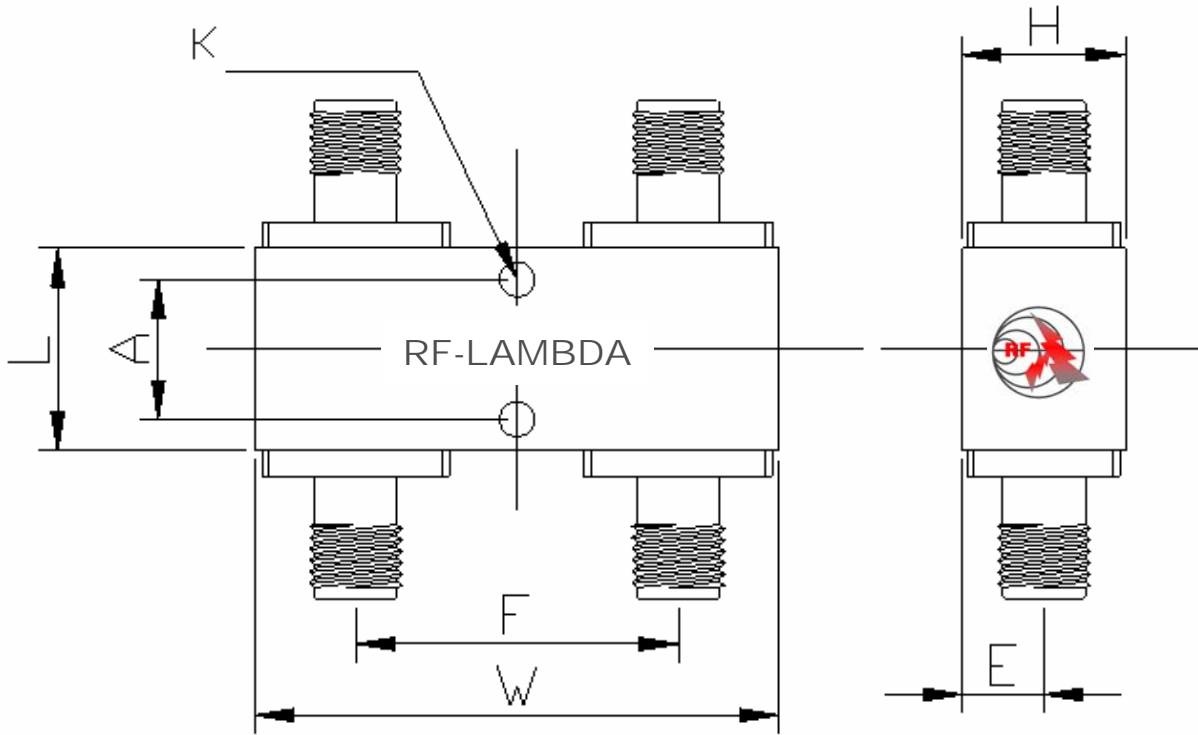


# 2-4GHz Broadband Hybrid

## 90° and 180°




1.0 Mechanical Specifications	
1.1	Mounting Holes Through
1.2	Input Connector SMA-Female
1.5	Output Connector SMA-Female
1.7	External Body Finish Black Plating

2.0 Environment specifications	
2.1	Operation Temp. -54°C~+74°C
2.2	Storage Temp. -60°C~+85°C

3.0	RFHB02G04GPI	180° Hybrid Specifications
3.1	Isolation	20dB
3.2	VSWR	1.60 : 1 Max
3.3	Insertion Loss	0.6dB max
3.4	Amp balance	±0.5dB
3.5	Phase Balance	±10° max
3.6	Input Power	100W CW (As divider)

4.0	RFHB02G04GVT	90° Hybrid Specifications
4.1	Isolation	22dB
4.2	VSWR	1.20 : 1 Max
4.3	Insertion Loss	0.2dB max
4.4	Amp balance	±0.5dB
4.5	Phase Balance	±2° max
4.6	Input Power	100W CW (As divider)

Part Number	Dimension (mm / inch)						
	L	W	H	A	F	E	K
RFHB02G04GVT	13/0.511	33.8/1.331	11/0.433	9/0.354	20.8/0.819	5.5/0.217	2-Φ2.3/2-Φ0.091
RFHB02G04GPI	53/2.087	48/1.890	13/0.512	48/1.890	35/1.378	6.5	2-Φ2.3/2-Φ0.091

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 <b>RFHB02G04G BROADBAND HIGH POWER HYBRID</b>	
<small>CAD MODEL REVISION 65</small>	<small>DESIGN RFPC</small>
<small>ASSEMBLY REVISION DE3</small>	<small>RF-LAMBDA RFPC</small>
<small>ASSEMBLY NAME RFLVR2</small>	<small>DRAWING NUMBER D06-0</small>
<small>www.rflambda.com</small>	<small>RF-LAMBDA</small>
<small>SIZE LT</small>	<small>SHEETS 1 OF 1</small>