



### 3 dB 180° Supper Flat Hybrid Couplers

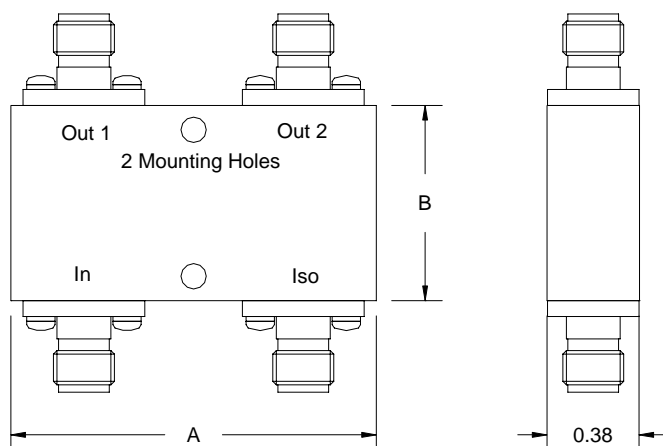
#### FEATURES

- ❖ Low Insertion Loss
- ❖ Low VSWR
- ❖ High Isolation
- ❖ Excellent Amplitude Tracking
- ❖ Excellent Phase Tracking
- ❖ High Power Handling
- ❖ Wide Operating Temperature Range

#### SPECIFICATIONS

3 dB 180° Supper Flat Hybrid Couplers							
Model Number	Frequency Range (GHz)	Phase Balance (±deg)	Frequency Flatness (±dB)	Isolation (dB)	VSWR	Insertion Loss (dB)	Outline Figure
DFY-1D50	1-2	4	0.2	25	1.25:1	0.4	5
DFY-3D90	2.6-5.2	4	0.2	25	1.25:1	0.6	4
DFY-6D00	4-8	5	0.25	23	1.35:1	0.7	3
DFY-9D00	6-12	6	0.3	20	1.40:1	0.8	2
DFY-12D00	8-16	6	0.3	20	1.50:1	0.9	1

Note 1. Other frequency band modules are available on request.



Outline		
Figure	A (inch)	B (inch)
1	1.5	1.2
2	1.7	1.5
3	2.0	1.8
4	2.8	1.8
5	6.0	2.0