



### 3 dB 90° Supper Flat Hybrid Couplers

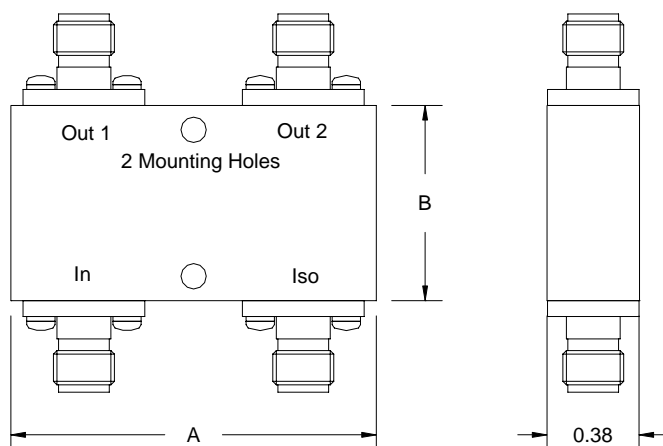
#### FEATURES

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

#### SPECIFICATIONS

3 dB 90° Supper Flat Hybrid Couplers							
Model Number	Frequency Range (GHz)	Phase Balance (±deg)	Frequency Flatness (±dB)	Isolation (dB)	VSWR	Insertion Loss (dB)	Outline Figure
QFY-0D75	0.5-1	1	0.1	25	1.20:1	0.3	5
QFY-3D90	2.6-5.2	1	0.1	25	1.20:1	0.5	4
QFY-6D00	4-8	1.5	0.15	23	1.25:1	0.6	3
QFY-9D00	6-12	2	0.2	20	1.25:1	0.7	2
QFY-12D00	8-16	2	0.2	20	1.30:1	0.8	1

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



Outline		
Figure	A (inch)	B (inch)
1	1.2	0.7
2	1.3	0.7
3	1.5	0.7
4	1.8	0.7
5	6.1	0.7