



## 3 dB 90° Narrow Band Hybrid Couplers

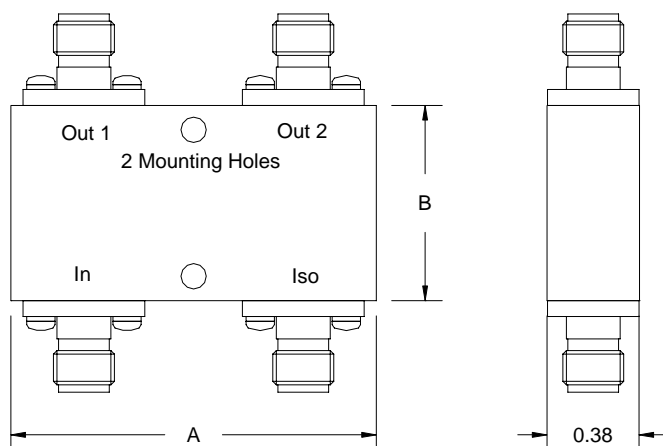
### FEATURES

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

### SPECIFICATIONS

3 dB 90° Narrow Band Hybrid Couplers							
Model Number	Frequency Range (GHz)	Phase Balance (±deg)	Frequency Flatness (±dB)	Isolation (dB)	VSWR	Insertion Loss (dB)	Outline Figure
QNY-0D90	0.8-1	1	0.2	25	1.15:1	0.15	6
QNY-1D95	1.7-2.2	1.5	0.2	25	1.20:1	0.15	5
QNY-2D25	2.1-2.4	1	0.2	25	1.20:1	0.20	4
QNY-3D95	3.7-4.2	1.5	0.2	25	1.25:1	0.25	3
QNY-5D70	5.5-5.9	2	0.2	23	1.25:1	0.25	2
QNY-8D15	7.9-8.4	2	0.2	23	1.25:1	0.30	1
QNY-10D95	10.7-11.2	2	0.2	20	1.25:1	0.35	1
QNY-14D25	14-14.5	2	0.3	20	1.30:1	0.45	1
QNY-20D70	20.2-21.2	3	0.3	18	1.40:1	0.70	1

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



Outline		
Figure	A (inch)	B (inch)
1	1.0	0.7
2	1.2	0.7
3	1.3	0.7
4	1.7	0.7
5	1.8	0.7
6	3.0	0.7