



### 3 dB 180° Narrow Band Hybrid Couplers

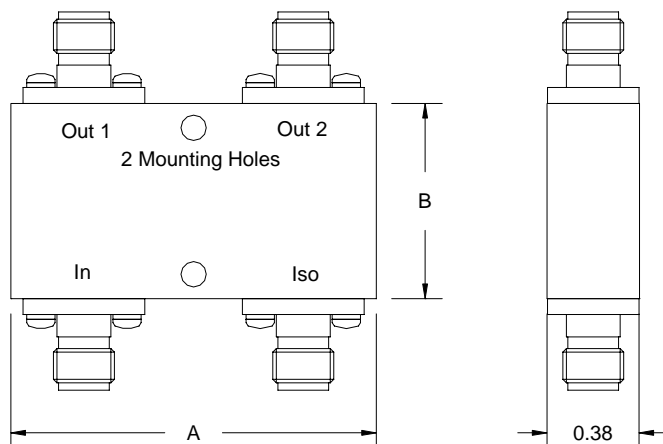
#### FEATURES

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

#### SPECIFICATIONS

3 dB 180° Narrow Band Hybrid Couplers							
Model Number	Frequency Range (GHz)	Phase Balance (±deg)	Frequency Flatness (±dB)	Isolation (dB)	VSWR	Insertion Loss (dB)	Outline Figure
DNY-0D90	0.8-1	3	0.2	25	1.20:1	0.20	8
DNY-1D95	1.7-2.2	4	0.2	25	1.20:1	0.20	7
DNY-2D25	2.1-2.4	4	0.2	25	1.25:1	0.25	6
DNY-3D95	3.7-4.2	4	0.3	25	1.30:1	0.30	5
DNY-5D70	5.5-5.9	5	0.3	23	1.30:1	0.35	4
DNY-8D15	7.9-8.4	5	0.3	23	1.30:1	0.40	3
DNY-10D95	10.7-11.2	5	0.4	20	1.35:1	0.50	2
DNY-14D25	14-14.5	5	0.4	20	1.40:1	0.65	1
DNY-20D70	20.2-21.2	6	0.5	18	1.50:1	0.80	1

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



Outline		
Figure	A (inch)	B (inch)
1	1.0	1.0
2	1.3	1.0
3	1.5	1.0
4	1.8	1.2
5	2.3	1.5
6	3.4	1.7
7	3.8	1.7
8	7.4	2.5