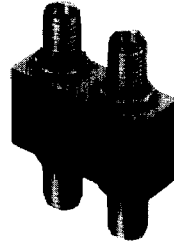
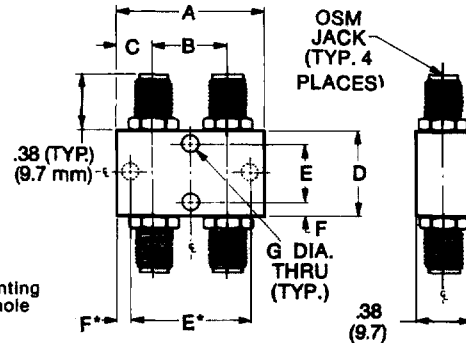


3 dB 90° Non-Crossover Hybrid Couplers

- 90° Quadrature Phase
- Frequency Range: .06 to 18 GHz
- Temperature Range: -65° to +125°C
- Meets MIL-E-5400 and MIL-E-16400 Environments



These 3dB quadrature mini-hybrids are identical to the crossover type with the exception of the location of the output ports on opposite sides, which allows the flexibility needed for high density packaging. Broadband coverage, low VSWR, and high isolation are the outstanding features.



NOTE: All dimensions are $\pm .020$, except mounting hole diameters ($\pm .005$) and mounting hole location ($\pm .010$).

SPECIFICATIONS

PART NO.	CASE STYLE	FREQUENCY RANGE (GHz)	AMPLITUDE BALANCE (dB)	INSERTION LOSS max. (dB)	ISOLATION min. (dB)	VSWR (max.)	POWER	
							AVG. (W)	PK. (kW)
2030-6360-00	1	.062-.125	± 0.5	.25	25	1.20	30	3
2030-6361-00	1	.125-.250	± 0.5	.25	25	1.20	30	3
2030-6362-00	2	.250-.50	± 0.5	.25	25	1.20	30	3
2030-6363-00	2	.50-1.0	± 0.5	.25	25	1.20	30	3
2030-6364-00	3	1.0-2.0	± 0.5	.25	22	1.20	30	3
2030-6365-00	4	2.0-4.0	± 0.5	.25	22	1.25	30	3
2030-6366-00	5	2.6-5.2	± 0.5	.30	20	1.25	30	3
2030-6367-00	5	4.0-8.0	± 0.5	.30	20	1.25	30	3
2030-6368-00	5	8.0-12.4	± 0.5	.50	18	1.35	30	3
2030-6369-00	5	12.4-18.0	± 0.5	.50	18	1.35	30	3
2030-6375-00	5	6.5-12.4	± 0.5	.50	18	1.35	30	3
2030-6376-00	5	6.5-16.0	± 0.5	.50	17	1.45	30	3
2030-6377-00	5	6.5-18.0	± 0.5	.60	16	1.45	30	3
2030-6351-00	6	.50-2.0	± 0.5	.60	17	1.35	30	3
2030-6353-00	7	2.0-8.0	± 0.5	.75	17	1.30	30	3

MULTI-OCTAVE

MECHANICAL SPECIFICATIONS

CASE STYLE	SIZE, INCHES (mm)							WEIGHT	
	A	B	C	D	E	F	G	oz.	g
1	3.0 (76.2)	2.13 (54)	.44 (11.1)	2.25 (57.2)	1.75 (44.5)			4.35	123
2	1.65 (41.9)	1.0 (25.4)	.33 (8.3)	1.63 (41.3)	1.13 (28.6)	.25 (6.35)	.14 (3.6)	1.90	54
3	1.78 (45.2)	1.28 (32.5)						0.84	24
4	1.16 (29.4)	.66 (16.7)	.25 (6.35)	.50 (12.7)	.31 (7.9)	.09 (2.4)	.104 (2.6)	0.65	19
5	1.0 (25.4)	.50 (12.7)						0.60	17
6	5.58 (141.7)	5.0 (127)	.29 (7.3)	.70 (17.9)	5.42 (137.7)*	.08 (2.0)*	.093 (2.4)	2.35	67
7	1.71 (43.4)	1.21 (30.7)	.25 (6.35)	.50 (12.7)	.31 (7.9)	.09 (2.4)	.104 (2.6)	0.82	23

*These dimensions apply only to part number 2030-6351-00