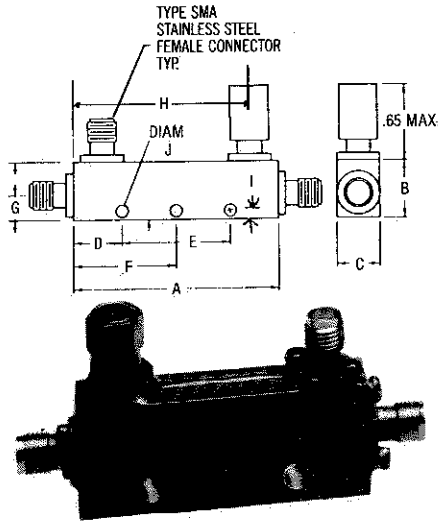


DIRECTIONAL COUPLERS

MAXIMALLY FLAT, MINIATURE, MULTI-OCTAVE BANDWIDTH



OUTLINE	A	B	C	D	E	F	G	H	I	J
1	3.60	0.53	0.38	0.50	2.60	—	0.22	3.35	0.075	0.105
2	3.60	0.60	0.38	0.50	2.60	—	0.22	3.35	0.075	0.105
3	2.90	0.68	0.38	0.45	2.00	—	0.34	2.65	0.15	0.148
4	2.90	0.60	0.38	0.45	2.00	—	0.22	2.65	0.075	0.105
5	1.78	0.68	0.38	0.45	0.875	—	0.34	1.53	0.15	0.148
6	1.78	0.60	0.38	0.45	1.00	—	0.22	1.53	0.075	0.105
7	1.22	0.55	0.38	0.42	0.375	—	0.22	0.97	0.075	0.105
8	1.22	0.60	0.38	0.42	0.375	—	0.22	0.97	0.075	0.105
9	1.00	0.50	0.38	—	—	0.50	0.22	0.75	0.075	0.105
10	4.40	0.60	0.38	0.50	3.40	—	0.24	4.15	0.075	0.105
11	3.47	0.68	0.50	0.60	2.00	—	0.26	2.70	0.09	0.105
12	3.47	0.68	0.50	0.54	2.00	—	0.26	2.90	0.90	0.105
13	2.10	0.68	0.50	0.75	1.00	—	0.26	3.22	0.32	(1)
14	1.36	0.60	0.38	0.55	1.00	—	0.26	1.85	0.09	1.105
15	2.09	0.68	0.50	0.43	0.50	—	0.26	1.84	0.34	(1)

(1) 2-56 NC-2B × 0.12 DEEP

FREQ. RANGE [GHz]	COUPLING* (dB)	FREQ. SENSITIVITY (dB)	INSERTION LOSS (dB MAX)		DIREC-TIVITY (dB MIN)	VSWR (MAX)		POWER			OUT-LINE	MODEL NO.
			EXCLUDING COUPLED POWER	TRUE		PRI. LINE	SEC. LINE	AVG. INCI-DENT (WATTS)	AVG. RE- FLECTED (WATTS)	PEAK (kW)		
0.5-2	6±1.0	±0.60	0.35	2.00	23	1.20	1.20	50	2	3	1	CC-26F
	10±1.0	±0.65	0.35	0.90	23	1.20	1.20	50	5	3	1	CC-27F
	20±1.0	±0.70	0.35	0.40	23	1.20	1.20	50	50	3	2	CC-28F
1-4	6±1.0	±0.30	0.35	2.00	23	1.20	1.20	50	2	3	3	CC-29F
	10±1.0	±0.30	0.35	0.90	23	1.20	1.20	50	5	3	3	CC-30F
	20±1.0	±0.40	0.40	0.45	23	1.20	1.20	50	50	3	4	CC-31F
2-8	6±1.0	±0.30	0.50	2.20	20	1.25	1.25	50	2	3	5	CC-36F
	10±1.0	±0.30	0.35	1.00	20	1.25	1.25	50	5	3	5	CC-37F
	20±1.0	±0.40	0.40	0.45	20	1.25	1.25	50	50	3	6	CC-38F
4-12.4	6±1.0	±0.30	0.50	2.20	17	1.30	1.30	50	2	3	7	CC-47F
	10±1.0	±0.30	0.50	1.20	17	1.30	1.30	50	5	3	7	CC-48F
	20±1.0	±0.40	0.50	0.55	17	1.30	1.30	50	50	3	8	CC-49F
7-18	10±1.25	±0.75	0.60	1.10	15	1.35	1.40	50	5	3	9	CC-57F
0.6-4	10±1.0	±0.75	0.40	0.90	18	1.25	1.30	50	5	3	10	CC-67F
(2)					1-12.4 12.4-18							
1-12.4	10±1.5	±0.40	0.70	1.30	15 12	1.35	1.50	25	5	3	11	CC-89F
	16±1.5	±0.40	0.70	0.90	15 15	1.35	1.50	25	20	3	12	CC-90F
	20±1.5	±0.40	0.70	0.75	15 15	1.35	1.50	25	25	3	12	CC-91F
(2)					2-12.4 12.4-18							
1-18	16±1.0	±0.50	0.80	0.90	15 12	1.40	1.50	25	20	3	13	CC-92F
	20±1.0	±0.50	0.85	0.90	15 12	1.40	1.50	25	25	3	13	CC-93F
(2)					4-12.4 12.4-18							
2-18	6±1.0	±0.50	0.90	2.00	15 12	1.35	1.50	25	2	3	14	CC-97F
	10±1.0	±0.50	0.60	1.00	15 12	1.35	1.50	25	5	3	14	CC-94F
	16±1.0	±0.50	0.80	0.90	15 12	1.35	1.40	25	20	3	15	CC-95F
	20±1.0	±0.50	0.80	0.90	15 12	1.35	1.40	25	25	3	15	CC-96F

*includes freq. sensitivity (2) coupling relative to output power



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