

# 2 Way-0° Power Splitter/Combiner Die EP2RCW-D+

## Typical Performance Data

TEST CONDITIONS: Input Power = -10dBm @Temperature = +25°C

FREQ. (MHz)	TOTAL LOSS <sup>(1)</sup>		AMP. UNBAL.	PHASE UNBAL.	ISOLATION	VSWR		
	(dB)	(dB)	(dB)	(deg.)	(dB)	(:1)		
	S-1	S-2			2-1	S	1	2
100	8.43	8.38	0.05	0.01	16.38	1.11	1.57	1.57
200	8.44	8.39	0.05	0.00	16.82	1.11	1.61	1.62
300	8.45	8.40	0.05	0.01	17.43	1.11	1.66	1.67
400	8.45	8.40	0.05	0.01	18.15	1.12	1.71	1.72
500	8.45	8.41	0.05	0.01	18.90	1.13	1.76	1.76
600	8.45	8.40	0.04	0.00	19.65	1.14	1.79	1.80
700	8.45	8.40	0.05	0.01	20.38	1.15	1.82	1.83
800	8.44	8.39	0.05	0.01	21.08	1.16	1.85	1.85
900	8.43	8.39	0.04	0.01	21.74	1.18	1.86	1.87
1000	8.42	8.37	0.04	0.00	22.34	1.20	1.88	1.89
1200	8.39	8.35	0.04	0.02	23.38	1.24	1.90	1.91
1400	8.35	8.31	0.04	0.01	24.17	1.29	1.91	1.92
1600	8.31	8.27	0.04	0.01	24.72	1.35	1.92	1.93
1800	8.26	8.22	0.04	0.02	25.02	1.41	1.91	1.93
2000	8.21	8.17	0.04	0.01	25.06	1.47	1.91	1.92
2200	8.15	8.11	0.04	0.02	24.90	1.54	1.90	1.91
2400	8.09	8.05	0.04	0.02	24.56	1.61	1.89	1.90
2600	8.01	7.98	0.04	0.02	24.10	1.67	1.87	1.88
2800	7.94	7.90	0.03	0.04	23.54	1.72	1.85	1.86
3000	7.86	7.83	0.03	0.07	22.96	1.75	1.82	1.83
3200	7.78	7.75	0.04	0.07	22.36	1.77	1.79	1.80
3400	7.70	7.66	0.04	0.09	21.80	1.78	1.75	1.76
3600	7.60	7.57	0.03	0.12	21.33	1.76	1.71	1.72
3800	7.51	7.47	0.04	0.14	20.96	1.72	1.66	1.68
4000	7.42	7.38	0.04	0.09	20.74	1.67	1.62	1.64
4200	7.33	7.29	0.04	0.09	20.70	1.61	1.58	1.60
4400	7.25	7.20	0.04	0.07	20.82	1.56	1.56	1.57
4600	7.17	7.13	0.04	0.06	21.07	1.52	1.54	1.55
4800	7.11	7.07	0.04	0.08	21.40	1.51	1.53	1.54
5000	7.07	7.03	0.04	0.09	21.74	1.53	1.53	1.54
5200	7.04	7.00	0.03	0.07	22.00	1.58	1.53	1.54
5400	7.02	6.99	0.03	0.07	22.14	1.65	1.54	1.55
5600	7.01	6.98	0.03	0.11	22.14	1.73	1.54	1.55
5800	7.01	6.98	0.03	0.07	22.04	1.81	1.54	1.55
6000	6.99	6.98	0.01	0.12	21.84	1.87	1.54	1.55
6200	6.97	6.95	0.02	0.23	21.58	1.89	1.53	1.54
6400	6.92	6.89	0.03	0.23	21.36	1.87	1.51	1.52
6600	6.86	6.83	0.03	0.23	21.23	1.80	1.48	1.49
6800	6.80	6.76	0.03	0.22	21.20	1.69	1.44	1.45
7000	6.73	6.70	0.04	0.21	21.29	1.55	1.38	1.40
7200	6.67	6.64	0.03	0.21	21.48	1.40	1.32	1.34
7400	6.64	6.61	0.04	0.22	21.72	1.27	1.27	1.28
7600	6.65	6.62	0.04	0.20	21.89	1.21	1.22	1.23
7800	6.70	6.67	0.04	0.19	21.90	1.27	1.18	1.19
8000	6.80	6.76	0.04	0.21	21.70	1.38	1.16	1.17
8200	6.93	6.89	0.04	0.17	21.35	1.49	1.16	1.17
8400	7.08	7.04	0.04	0.19	20.90	1.55	1.16	1.17
8600	7.27	7.23	0.04	0.17	20.42	1.57	1.17	1.18
8800	7.49	7.45	0.04	0.17	19.91	1.55	1.17	1.19
9000	7.75	7.71	0.04	0.17	19.45	1.53	1.18	1.20
9200	8.07	8.02	0.04	0.19	19.22	1.56	1.20	1.21
9400	8.42	8.37	0.05	0.16	19.55	1.55	1.20	1.22
9600	8.93	8.88	0.05	0.13	20.45	1.35	1.20	1.22
9800	10.16	10.11	0.05	0.13	19.28	1.08	1.28	1.29
10000	12.98	12.93	0.05	0.07	15.68	1.90	1.47	1.49

<sup>1</sup>Total Loss = Insertion Loss + 3dB Splitter Loss



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EP2RCW-D+  
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Page 1 of 1