

2 Way-90° Power Splitter/Combiner

JSPQ-ED13075/1

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
2.0	3.40	3.16	0.24	36.38	68.85	2.0	1.23	1.46	1.07
2.5	3.39	3.18	0.22	38.23	76.27	2.5	1.22	1.42	1.06
3.0	3.38	3.18	0.20	40.06	81.24	3.0	1.20	1.38	1.05
3.5	3.36	3.18	0.18	41.53	84.47	3.5	1.19	1.34	1.04
4.0	3.35	3.19	0.17	43.16	86.53	4.0	1.17	1.30	1.03
6.0	3.34	3.20	0.14	50.56	88.74	6.0	1.13	1.21	1.02
8.0	3.35	3.22	0.13	54.15	87.94	8.0	1.11	1.16	1.06
10.0	3.36	3.25	0.12	51.04	87.11	10.0	1.11	1.12	1.10
12.0	3.39	3.27	0.12	48.52	86.72	12.0	1.11	1.10	1.14
14.0	3.41	3.30	0.11	46.95	86.73	14.0	1.12	1.09	1.18
16.0	3.44	3.32	0.11	45.87	86.96	16.0	1.13	1.09	1.22
18.0	3.46	3.35	0.12	44.91	87.27	18.0	1.15	1.11	1.26
20.0	3.49	3.37	0.12	44.31	87.59	20.0	1.17	1.13	1.29
22.0	3.52	3.39	0.12	43.65	87.85	22.0	1.19	1.16	1.31
24.0	3.54	3.42	0.13	43.06	88.01	24.0	1.20	1.19	1.34
26.0	3.57	3.44	0.13	42.49	88.09	26.0	1.22	1.22	1.36
28.0	3.60	3.46	0.14	42.03	88.07	28.0	1.24	1.25	1.38
30.0	3.63	3.48	0.15	41.62	87.95	30.0	1.26	1.28	1.39
32.0	3.65	3.49	0.16	41.03	87.74	32.0	1.28	1.31	1.41
34.0	3.68	3.51	0.17	40.65	87.47	34.0	1.30	1.34	1.42
36.0	3.70	3.52	0.18	40.16	87.13	36.0	1.31	1.36	1.42
38.0	3.73	3.53	0.19	39.71	86.73	38.0	1.33	1.39	1.43
40.0	3.75	3.55	0.21	39.23	86.29	40.0	1.35	1.42	1.43
42.0	3.78	3.56	0.22	38.73	85.82	42.0	1.36	1.44	1.43
44.0	3.80	3.57	0.23	38.35	85.32	44.0	1.38	1.47	1.43
46.0	3.83	3.58	0.25	37.89	84.80	46.0	1.39	1.49	1.42
48.0	3.85	3.58	0.26	37.43	84.27	48.0	1.41	1.52	1.42
50.0	3.87	3.59	0.28	37.05	83.73	50.0	1.42	1.54	1.41
52.0	3.89	3.60	0.29	36.63	83.20	52.0	1.43	1.56	1.41
54.0	3.91	3.61	0.31	36.34	82.66	54.0	1.45	1.58	1.40
56.0	3.94	3.62	0.32	35.97	82.12	56.0	1.46	1.61	1.39
58.0	3.96	3.62	0.34	35.66	81.60	58.0	1.47	1.63	1.38
60.0	3.98	3.63	0.35	35.34	81.09	60.0	1.49	1.65	1.38
70.0	4.08	3.66	0.42	33.95	78.72	70.0	1.55	1.74	1.34
80.0	4.17	3.70	0.47	32.84	76.77	80.0	1.62	1.83	1.33
90.0	4.25	3.75	0.50	31.98	75.28	90.0	1.69	1.89	1.35
100.0	4.32	3.80	0.51	31.30	74.25	100.0	1.75	1.94	1.39
110.0	4.37	3.87	0.50	30.81	73.66	110.0	1.81	1.97	1.46

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. X2
JSPQ-ED13075/1
8/27/2010
Page 1 of 1