

2 Way-90° Power Splitter/Combiner

JSPQ-ED8004/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)			AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2	AVG.					S	1	2
6.0	3.27	3.38	3.33	0.11	39.28	87.09	6.0	1.15	1.23	1.30
7.0	3.27	3.37	3.32	0.10	39.85	88.95	7.0	1.13	1.23	1.26
8.0	3.28	3.37	3.33	0.09	40.32	89.88	8.0	1.12	1.23	1.22
9.0	3.28	3.37	3.33	0.08	40.71	90.31	9.0	1.11	1.22	1.19
10.0	3.29	3.37	3.33	0.08	41.02	90.35	10.0	1.10	1.20	1.16
11.0	3.29	3.39	3.34	0.10	41.29	90.35	11.0	1.09	1.18	1.14
12.0	3.29	3.39	3.34	0.10	41.53	90.14	12.0	1.08	1.16	1.12
13.0	3.29	3.39	3.34	0.10	41.78	90.00	13.0	1.08	1.14	1.10
14.0	3.29	3.40	3.35	0.11	42.00	89.86	14.0	1.07	1.12	1.08
15.0	3.29	3.41	3.35	0.13	42.20	89.73	15.0	1.07	1.10	1.07
20.0	3.31	3.47	3.39	0.15	43.16	89.64	20.0	1.06	1.01	1.05
25.0	3.35	3.52	3.44	0.17	43.96	90.17	25.0	1.08	1.10	1.09
30.0	3.40	3.57	3.49	0.17	44.63	90.85	30.0	1.10	1.19	1.15
35.0	3.45	3.63	3.54	0.17	44.91	91.34	35.0	1.13	1.27	1.20
40.0	3.51	3.68	3.60	0.17	44.80	91.62	40.0	1.16	1.33	1.25
45.0	3.56	3.73	3.65	0.17	44.35	91.63	45.0	1.19	1.38	1.30
50.0	3.59	3.78	3.69	0.18	43.55	91.46	50.0	1.22	1.42	1.35
55.0	3.63	3.82	3.73	0.19	42.87	91.11	55.0	1.24	1.45	1.39
60.0	3.66	3.87	3.77	0.20	42.11	90.61	60.0	1.26	1.47	1.43
65.0	3.69	3.91	3.80	0.22	41.48	89.95	65.0	1.29	1.47	1.47
70.0	3.70	3.94	3.82	0.23	40.93	89.36	70.0	1.30	1.47	1.51
75.0	3.71	3.98	3.85	0.27	40.39	88.65	75.0	1.32	1.46	1.55
80.0	3.73	4.02	3.88	0.29	40.04	87.87	80.0	1.34	1.45	1.58
85.0	3.72	4.05	3.89	0.33	39.73	87.14	85.0	1.36	1.44	1.61
90.0	3.74	4.09	3.92	0.35	39.46	86.40	90.0	1.38	1.42	1.65

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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