

2 Way-90° Power Splitter/Combiner

JSPQ-65W+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
3.0	3.28	3.27	0.01	32.78	80.68	3.0	1.11	1.15	1.15
3.5	3.29	3.27	0.02	33.48	84.92	3.5	1.11	1.14	1.14
4.0	3.29	3.27	0.02	34.06	87.81	4.0	1.11	1.14	1.14
4.5	3.30	3.27	0.03	34.57	89.72	4.5	1.11	1.13	1.13
5.0	3.31	3.28	0.03	34.94	90.94	5.0	1.11	1.13	1.13
7.0	3.33	3.29	0.03	35.87	91.98	7.0	1.10	1.10	1.10
10.0	3.36	3.32	0.04	36.35	90.06	10.0	1.09	1.05	1.05
12.0	3.39	3.34	0.05	36.35	88.85	12.0	1.09	1.02	1.03
14.0	3.42	3.36	0.06	36.22	88.11	14.0	1.10	1.04	1.04
15.0	3.43	3.37	0.07	36.13	87.89	15.0	1.11	1.06	1.06
17.0	3.47	3.40	0.07	35.91	87.76	17.0	1.13	1.10	1.10
20.0	3.52	3.43	0.09	35.53	88.00	20.0	1.18	1.15	1.15
22.0	3.56	3.46	0.09	35.27	88.37	22.0	1.21	1.19	1.19
25.0	3.62	3.50	0.12	34.89	88.96	25.0	1.26	1.24	1.23
27.0	3.65	3.52	0.14	34.62	89.40	27.0	1.29	1.27	1.27
30.0	3.71	3.55	0.16	34.27	89.94	30.0	1.33	1.31	1.31
32.0	3.75	3.58	0.17	34.07	90.27	32.0	1.36	1.34	1.33
34.0	3.78	3.60	0.19	33.85	90.53	34.0	1.39	1.36	1.36
35.0	3.80	3.61	0.19	33.75	90.64	35.0	1.40	1.37	1.37
36.0	3.82	3.62	0.20	33.65	90.71	36.0	1.42	1.38	1.38
38.0	3.86	3.64	0.22	33.46	90.83	38.0	1.44	1.40	1.40
40.0	3.89	3.66	0.23	33.28	90.89	40.0	1.46	1.42	1.42
42.0	3.92	3.67	0.25	33.10	90.91	42.0	1.48	1.43	1.43
45.0	3.98	3.71	0.27	32.85	90.81	45.0	1.51	1.45	1.45
47.0	4.00	3.72	0.28	32.69	90.71	47.0	1.53	1.46	1.46
50.0	4.04	3.74	0.30	32.45	90.43	50.0	1.56	1.47	1.47
52.0	4.07	3.75	0.32	32.29	90.20	52.0	1.57	1.48	1.48
55.0	4.11	3.77	0.34	32.08	89.83	55.0	1.59	1.48	1.49
57.0	4.13	3.78	0.35	31.95	89.51	57.0	1.60	1.49	1.49
60.0	4.17	3.80	0.37	31.74	89.05	60.0	1.62	1.49	1.49
62.0	4.19	3.80	0.39	31.61	88.70	62.0	1.63	1.49	1.49
65.0	4.22	3.83	0.39	31.42	88.14	65.0	1.64	1.48	1.49
67.0	4.24	3.84	0.40	31.30	87.83	67.0	1.65	1.48	1.49
70.0	4.26	3.85	0.41	31.10	87.17	70.0	1.66	1.48	1.48
72.0	4.28	3.86	0.42	31.00	86.82	72.0	1.67	1.47	1.48
75.0	4.32	3.88	0.44	30.85	86.19	75.0	1.68	1.47	1.47
80.0	4.37	3.91	0.46	30.57	85.20	80.0	1.69	1.46	1.46
85.0	4.40	3.93	0.48	30.31	84.23	85.0	1.71	1.46	1.46
90.0	4.44	3.95	0.49	30.07	83.32	90.0	1.72	1.46	1.46
95.0	4.47	3.98	0.50	29.84	82.41	95.0	1.73	1.46	1.47
100.0	4.50	4.00	0.51	29.62	81.57	100.0	1.74	1.48	1.48
105.0	4.52	4.03	0.50	29.39	80.68	105.0	1.75	1.50	1.50
110.0	4.56	4.06	0.49	29.20	79.84	110.0	1.76	1.53	1.52
115.0	4.58	4.10	0.48	28.99	79.09	115.0	1.77	1.56	1.56
120.0	4.59	4.14	0.45	28.79	78.43	120.0	1.78	1.60	1.60
125.0	4.59	4.17	0.42	28.63	77.79	125.0	1.78	1.65	1.64
130.0	4.60	4.22	0.38	28.43	77.20	130.0	1.79	1.70	1.69

¹Total Loss = Insertion Loss + 3dB Splitter Loss

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