

2 Way-0° Power Splitter/Combiner

JYPQ-ED12694/1

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	AVG.					S	1	2
10.0	5.55	1.58	3.57	3.97	26.09	88.80	10.0	1.10	1.11	1.10
11.0	5.08	1.80	3.44	3.28	25.99	88.76	11.0	1.11	1.11	1.10
12.0	4.69	2.01	3.35	2.68	25.97	88.73	12.0	1.11	1.11	1.11
13.0	4.36	2.21	3.29	2.15	26.01	88.70	13.0	1.11	1.12	1.11
14.0	4.09	2.40	3.25	1.69	26.09	88.70	14.0	1.12	1.12	1.11
15.0	3.87	2.58	3.23	1.29	26.18	88.70	15.0	1.12	1.13	1.12
15.2	3.83	2.61	3.22	1.22	26.19	88.70	15.2	1.12	1.13	1.12
15.4	3.79	2.64	3.22	1.15	26.20	88.70	15.4	1.12	1.13	1.12
15.5	3.77	2.66	3.22	1.11	26.21	88.71	15.5	1.13	1.13	1.12
16.0	3.68	2.74	3.21	0.95	26.24	88.72	16.0	1.13	1.13	1.12
16.5	3.60	2.81	3.21	0.80	26.27	88.74	16.5	1.13	1.13	1.12
17.0	3.53	2.88	3.21	0.66	26.29	88.76	17.0	1.13	1.13	1.12
17.5	3.47	2.94	3.21	0.53	26.28	88.78	17.5	1.14	1.14	1.13
18.0	3.42	3.00	3.21	0.42	26.25	88.82	18.0	1.14	1.14	1.13
18.5	3.37	3.05	3.21	0.32	26.21	88.86	18.5	1.14	1.14	1.13
19.0	3.33	3.10	3.22	0.23	26.11	88.90	19.0	1.15	1.15	1.13
19.5	3.30	3.14	3.22	0.16	26.00	88.95	19.5	1.15	1.15	1.14
20.0	3.28	3.18	3.23	0.09	25.83	89.01	20.0	1.15	1.15	1.14
20.5	3.26	3.22	3.24	0.04	25.64	89.09	20.5	1.16	1.16	1.15
21.0	3.25	3.24	3.25	0.01	25.39	89.17	21.0	1.16	1.16	1.15
21.5	3.25	3.27	3.26	0.02	25.12	89.27	21.5	1.17	1.17	1.15
22.0	3.25	3.28	3.27	0.03	24.78	89.38	22.0	1.17	1.17	1.16
22.5	3.26	3.30	3.28	0.03	24.41	89.51	22.5	1.18	1.18	1.17
23.0	3.29	3.30	3.30	0.02	23.98	89.65	23.0	1.19	1.19	1.17
23.5	3.32	3.30	3.31	0.01	23.52	89.83	23.5	1.20	1.19	1.18
24.0	3.35	3.30	3.33	0.06	23.03	90.02	24.0	1.21	1.20	1.19
24.5	3.40	3.29	3.35	0.11	22.50	90.25	24.5	1.22	1.21	1.20
25.0	3.46	3.28	3.37	0.19	21.94	90.51	25.0	1.23	1.22	1.20
25.5	3.54	3.26	3.40	0.28	21.36	90.80	25.5	1.24	1.23	1.22
26.0	3.62	3.24	3.43	0.39	20.76	91.14	26.0	1.25	1.25	1.23
26.5	3.72	3.21	3.47	0.51	20.15	91.55	26.5	1.26	1.26	1.24
27.0	3.83	3.18	3.51	0.65	19.52	92.00	27.0	1.28	1.27	1.25
27.4	3.94	3.15	3.55	0.78	19.00	92.43	27.4	1.29	1.29	1.27
28.0	4.11	3.12	3.62	1.00	18.22	93.19	28.0	1.31	1.31	1.29
29.0	4.47	3.05	3.76	1.43	16.92	94.77	29.0	1.36	1.35	1.32
30.0	4.93	2.99	3.96	1.94	15.62	96.98	30.0	1.41	1.40	1.37
31.0	5.50	2.96	4.23	2.54	14.36	100.03	31.0	1.47	1.46	1.43
32.0	6.18	2.97	4.58	3.20	13.16	104.27	32.0	1.53	1.52	1.49
33.0	6.93	3.05	4.99	3.88	12.05	110.11	33.0	1.61	1.60	1.56
34.0	7.68	3.21	5.45	4.47	11.07	117.80	34.0	1.69	1.67	1.64
35.0	8.27	3.45	5.86	4.81	10.24	127.22	35.0	1.77	1.75	1.71

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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