

4 Way-0° Power Splitter/Combiner

JPS-ED9729/2

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-3	S-4		1-2	1-4	3-4			S	1	2	3	4
0.3	7.72	7.15	7.73	7.14	0.59	62.12	29.01	59.51	3.54	0.3	1.68	1.94	1.82	1.82	1.94
0.5	7.38	6.93	7.39	6.92	0.48	62.91	30.21	60.97	2.60	0.5	1.47	1.65	1.57	1.57	1.65
0.7	7.22	6.81	7.23	6.80	0.42	63.87	31.04	61.55	2.21	0.7	1.38	1.53	1.46	1.46	1.53
0.9	7.11	6.73	7.11	6.72	0.39	63.27	31.84	61.76	1.98	0.9	1.33	1.46	1.40	1.40	1.46
1.0	7.06	6.70	7.07	6.69	0.38	62.89	32.20	60.92	1.85	1.0	1.31	1.43	1.38	1.38	1.43
3.0	6.69	6.46	6.70	6.46	0.24	58.91	33.81	57.74	1.09	3.0	1.16	1.24	1.21	1.21	1.24
5.0	6.61	6.40	6.61	6.41	0.21	55.61	33.76	54.43	0.76	5.0	1.13	1.19	1.17	1.17	1.19
7.0	6.58	6.39	6.59	6.39	0.20	53.38	33.71	52.13	0.62	7.0	1.11	1.17	1.15	1.15	1.17
9.0	6.55	6.39	6.57	6.38	0.19	51.58	33.59	50.45	0.59	9.0	1.10	1.16	1.14	1.14	1.16
10.0	6.56	6.38	6.56	6.38	0.18	50.89	33.51	49.57	0.51	10.0	1.10	1.16	1.14	1.14	1.16
20.0	6.55	6.39	6.55	6.39	0.17	45.72	33.08	44.50	0.38	20.0	1.09	1.14	1.12	1.12	1.14
30.0	6.56	6.40	6.57	6.40	0.17	42.45	32.71	41.26	0.33	30.0	1.08	1.14	1.12	1.12	1.14
40.0	6.57	6.41	6.58	6.41	0.17	40.22	32.45	39.05	0.36	40.0	1.08	1.14	1.12	1.12	1.14
50.0	6.58	6.42	6.60	6.43	0.18	38.51	32.22	37.25	0.41	50.0	1.08	1.13	1.11	1.11	1.13
60.0	6.59	6.45	6.60	6.45	0.16	37.15	32.04	35.87	0.49	60.0	1.08	1.13	1.11	1.11	1.13
70.0	6.61	6.45	6.62	6.46	0.17	35.94	31.82	34.73	0.51	70.0	1.09	1.13	1.11	1.11	1.13
80.0	6.61	6.47	6.63	6.47	0.17	34.87	31.60	33.70	0.61	80.0	1.09	1.13	1.11	1.11	1.12
90.0	6.62	6.47	6.64	6.49	0.17	34.01	31.39	32.81	0.59	90.0	1.09	1.12	1.10	1.10	1.12
100.0	6.63	6.48	6.65	6.51	0.17	33.20	31.16	31.99	0.69	100.0	1.10	1.12	1.10	1.10	1.12
150.0	6.66	6.55	6.71	6.60	0.16	30.25	30.06	29.10	0.98	150.0	1.12	1.11	1.09	1.09	1.11
200.0	6.71	6.62	6.76	6.71	0.15	28.41	28.78	27.36	1.32	200.0	1.17	1.11	1.09	1.10	1.11
201.0	6.71	6.62	6.76	6.72	0.14	28.38	28.78	27.34	1.31	201.0	1.17	1.11	1.09	1.10	1.11
202.0	6.71	6.62	6.76	6.72	0.14	28.36	28.74	27.32	1.36	202.0	1.17	1.11	1.09	1.10	1.11
203.0	6.71	6.63	6.77	6.73	0.14	28.32	28.71	27.29	1.40	203.0	1.17	1.11	1.09	1.10	1.11
204.0	6.72	6.62	6.77	6.73	0.15	28.29	28.67	27.27	1.32	204.0	1.17	1.11	1.09	1.10	1.11
205.0	6.71	6.63	6.77	6.73	0.14	28.27	28.67	27.25	1.39	205.0	1.17	1.11	1.09	1.10	1.11
206.0	6.71	6.63	6.77	6.74	0.14	28.24	28.64	27.23	1.43	206.0	1.17	1.11	1.10	1.10	1.11
250.0	6.77	6.72	6.84	6.87	0.15	27.26	27.30	26.44	1.71	250.0	1.24	1.13	1.12	1.13	1.12
300.0	6.84	6.85	6.94	7.07	0.23	26.76	25.41	26.27	2.09	300.0	1.35	1.17	1.18	1.18	1.16
320.0	6.89	6.92	6.99	7.17	0.27	26.74	24.58	26.45	2.35	320.0	1.41	1.19	1.21	1.21	1.19
338.0	6.96	7.01	7.07	7.30	0.33	26.83	23.79	26.77	2.56	338.0	1.48	1.22	1.24	1.25	1.21
356.0	7.05	7.12	7.17	7.44	0.39	27.05	23.00	27.27	2.95	356.0	1.55	1.25	1.27	1.28	1.24
374.0	7.14	7.24	7.26	7.57	0.43	27.33	22.14	27.95	3.27	374.0	1.64	1.28	1.31	1.32	1.27
392.0	7.22	7.35	7.35	7.72	0.51	27.71	21.27	28.88	3.70	392.0	1.74	1.31	1.35	1.36	1.31
410.0	7.34	7.50	7.48	7.91	0.57	28.24	20.42	30.17	4.17	410.0	1.86	1.35	1.40	1.40	1.34

¹ Total Loss = Insertion Loss + 6dB Splitter Loss