

6 Way-0° Power Splitter/Combiner

JCPS-ED11649/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	S-1	S-3	S-5		1-2	1-3	1-6			S	1	3
2.0	9.18	9.30	9.16	0.18	19.40	28.83	28.69	0.96	2.0	2.95	1.90	1.85
3.0	8.61	8.73	8.61	0.16	21.32	28.80	28.68	0.67	3.0	2.13	1.61	1.58
4.0	8.45	8.57	8.45	0.16	22.67	28.94	28.83	0.53	4.0	1.82	1.47	1.45
6.0	8.42	8.53	8.42	0.15	24.41	29.32	29.20	0.39	6.0	1.61	1.35	1.33
8.0	8.44	8.55	8.45	0.15	25.34	29.53	29.42	0.33	8.0	1.55	1.30	1.28
10.0	8.47	8.58	8.47	0.15	25.86	29.63	29.52	0.29	10.0	1.52	1.27	1.25
24.0	8.42	8.52	8.43	0.14	26.18	29.42	29.30	0.30	24.0	1.45	1.22	1.19
38.0	8.39	8.50	8.40	0.14	25.64	29.27	29.16	0.36	38.0	1.43	1.20	1.17
52.0	8.38	8.49	8.40	0.13	25.13	29.21	29.10	0.45	52.0	1.41	1.20	1.17
66.0	8.38	8.49	8.40	0.13	24.72	29.21	29.09	0.55	66.0	1.40	1.20	1.17
80.0	8.39	8.49	8.41	0.13	24.39	29.23	29.09	0.63	80.0	1.39	1.19	1.16
110.0	8.40	8.51	8.43	0.12	23.86	29.37	29.17	0.85	110.0	1.37	1.19	1.16
140.0	8.42	8.52	8.45	0.12	23.45	29.62	29.33	1.07	140.0	1.35	1.19	1.16
170.0	8.44	8.54	8.48	0.12	23.12	29.96	29.53	1.28	170.0	1.33	1.18	1.16
200.0	8.46	8.55	8.50	0.12	22.84	30.40	29.83	1.51	200.0	1.30	1.18	1.15
230.0	8.48	8.56	8.52	0.11	22.60	30.96	30.16	1.72	230.0	1.28	1.17	1.15
245.0	8.48	8.57	8.53	0.11	22.48	31.29	30.36	1.84	245.0	1.27	1.17	1.15
260.0	8.49	8.58	8.55	0.11	22.39	31.66	30.57	1.94	260.0	1.25	1.17	1.15
275.0	8.50	8.58	8.56	0.11	22.29	32.07	30.80	2.07	275.0	1.24	1.17	1.14
301.0	8.51	8.59	8.58	0.11	22.12	32.90	31.26	2.27	301.0	1.22	1.16	1.14
327.0	8.53	8.60	8.60	0.11	21.97	33.90	31.77	2.48	327.0	1.19	1.16	1.14
353.0	8.54	8.61	8.62	0.11	21.81	35.13	32.36	2.68	353.0	1.17	1.16	1.14
379.0	8.56	8.62	8.64	0.13	21.66	36.65	33.04	2.90	379.0	1.14	1.16	1.14
405.0	8.57	8.63	8.67	0.14	21.50	38.59	33.81	3.10	405.0	1.12	1.15	1.14
434.0	8.60	8.65	8.70	0.15	21.31	41.56	34.79	3.38	434.0	1.10	1.15	1.14
463.0	8.63	8.66	8.74	0.16	21.11	45.74	35.93	3.64	463.0	1.09	1.15	1.14
492.0	8.66	8.69	8.78	0.17	20.90	48.85	37.22	3.90	492.0	1.09	1.15	1.14
521.0	8.69	8.72	8.83	0.18	20.68	44.94	38.63	4.18	521.0	1.11	1.15	1.14
550.0	8.73	8.75	8.88	0.19	20.45	40.67	40.07	4.48	550.0	1.14	1.15	1.15
615.0	8.84	8.84	9.01	0.22	19.94	34.76	41.64	5.16	615.0	1.22	1.15	1.15
680.0	8.96	8.94	9.16	0.25	19.50	31.32	39.33	5.89	680.0	1.30	1.14	1.15
745.0	9.09	9.04	9.31	0.28	19.21	29.07	36.48	6.67	745.0	1.36	1.14	1.14
810.0	9.20	9.12	9.44	0.32	19.11	27.58	34.43	7.49	810.0	1.39	1.13	1.13
875.0	9.30	9.18	9.55	0.38	19.19	26.61	33.18	8.35	875.0	1.37	1.13	1.12
940.0	9.40	9.23	9.66	0.43	19.29	25.99	32.55	9.20	940.0	1.31	1.15	1.13
1005.0	9.59	9.36	9.84	0.48	18.97	25.41	32.20	10.05	1005.0	1.30	1.19	1.17
1070.0	10.03	9.71	10.23	0.53	17.77	24.40	31.33	10.86	1070.0	1.52	1.25	1.23
1135.0	10.91	10.48	11.04	0.56	15.91	22.75	29.43	11.63	1135.0	2.05	1.32	1.31
1200.0	12.37	11.82	12.39	0.57	14.02	20.96	27.22	12.40	1200.0	2.92	1.39	1.40
1250.0	13.87	13.23	13.78	0.64	12.77	19.81	25.86	13.09	1250.0	3.79	1.44	1.46
1300.0	15.60	14.88	15.40	0.72	11.68	18.92	24.89	14.79	1300.0	4.75	1.48	1.50

¹ Total Loss = Insertion Loss + 7.8dB Splitter Loss

REV. X2

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