

6 Way-0° Power Splitter/Combiner

JCPS-ED7784/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)			AMP. UNBAL. (dB)	ISOLATION (dB)		PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-3	S-5		1-2	2-5			S	1	5
28.5	9.00	8.94	8.87	0.14	21.42	29.63	1.32	28.5	1.69	1.53	1.52
37.6	8.90	8.85	8.80	0.11	22.93	31.55	1.29	37.6	1.52	1.41	1.40
46.8	8.86	8.80	8.79	0.09	23.75	32.58	1.32	46.8	1.42	1.35	1.34
55.9	8.85	8.79	8.77	0.09	24.19	33.26	1.44	55.9	1.37	1.31	1.30
65.1	8.83	8.78	8.77	0.08	24.38	33.67	1.44	65.1	1.34	1.28	1.28
74.2	8.83	8.77	8.76	0.08	24.43	34.09	1.53	74.2	1.31	1.26	1.26
83.4	8.82	8.76	8.76	0.08	24.39	34.39	1.69	83.4	1.30	1.25	1.24
92.5	8.81	8.76	8.76	0.07	24.30	34.64	1.83	92.5	1.29	1.23	1.23
101.7	8.81	8.76	8.76	0.08	24.18	34.94	1.88	101.7	1.28	1.22	1.22
110.9	8.81	8.76	8.77	0.06	24.04	35.20	2.07	110.9	1.27	1.21	1.21
120.0	8.81	8.76	8.77	0.07	23.87	35.45	2.15	120.0	1.27	1.20	1.20
140.0	8.81	8.75	8.78	0.06	23.55	35.95	2.46	140.0	1.26	1.18	1.18
160.0	8.81	8.76	8.79	0.07	23.22	36.36	2.64	160.0	1.26	1.16	1.16
180.0	8.81	8.75	8.79	0.07	22.95	36.79	2.94	180.0	1.26	1.15	1.14
200.0	8.82	8.75	8.79	0.07	22.74	37.25	3.15	200.0	1.26	1.13	1.12
220.0	8.82	8.75	8.80	0.10	22.60	37.61	3.40	220.0	1.25	1.11	1.10
240.0	8.83	8.75	8.82	0.10	22.53	38.01	3.71	240.0	1.25	1.10	1.09
260.0	8.83	8.75	8.82	0.10	22.52	38.40	3.85	260.0	1.23	1.09	1.07
280.0	8.83	8.76	8.83	0.11	22.59	38.86	4.21	280.0	1.22	1.07	1.06
300.0	8.83	8.75	8.83	0.12	22.75	39.33	4.55	300.0	1.20	1.06	1.04
320.0	8.83	8.75	8.84	0.13	22.98	39.97	4.72	320.0	1.18	1.04	1.03
340.0	8.85	8.76	8.84	0.14	23.29	40.46	5.08	340.0	1.15	1.03	1.02
360.0	8.86	8.76	8.84	0.15	23.64	41.04	5.34	360.0	1.12	1.02	1.01
380.0	8.88	8.77	8.86	0.17	23.98	41.42	5.66	380.0	1.10	1.02	1.02
400.0	8.92	8.80	8.89	0.18	24.21	41.39	6.02	400.0	1.11	1.03	1.03
411.0	8.94	8.82	8.90	0.18	24.25	41.13	6.17	411.0	1.13	1.04	1.03
418.8	8.95	8.84	8.92	0.20	24.19	40.81	6.35	418.8	1.16	1.04	1.04
426.6	8.98	8.87	8.94	0.20	24.10	40.25	6.41	426.6	1.18	1.05	1.04
434.4	9.02	8.89	8.98	0.20	23.93	39.73	6.59	434.4	1.21	1.06	1.05
442.2	9.06	8.92	9.01	0.22	23.69	39.05	6.79	442.2	1.25	1.06	1.05
450.0	9.10	8.97	9.04	0.22	23.37	38.34	6.88	450.0	1.29	1.07	1.06
460.0	9.16	9.03	9.10	0.23	22.88	37.44	7.16	460.0	1.35	1.08	1.07
500.0	9.55	9.38	9.46	0.29	20.25	33.78	7.86	500.0	1.67	1.12	1.10

¹ Total Loss = Insertion Loss + 7.8dB Splitter Loss

REV. X2

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