

6 Way-0° Power Splitter/Combiner

JCPS-ED9706/1

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	2-3	5-6			S	1	2
950.0	8.98	8.74	8.82	0.30	18.84	27.65	19.60	4.65	950.0	2.02	1.42	1.34
985.7	8.89	8.65	8.71	0.31	19.57	27.08	20.39	4.83	985.7	1.91	1.42	1.34
1021.4	8.86	8.62	8.66	0.32	20.40	26.53	21.23	5.02	1021.4	1.82	1.41	1.33
1057.1	8.84	8.61	8.64	0.33	21.25	26.00	22.09	5.23	1057.1	1.71	1.41	1.32
1092.9	8.79	8.56	8.57	0.33	22.10	25.44	22.92	5.43	1092.9	1.62	1.41	1.32
1128.6	8.78	8.55	8.54	0.35	23.03	24.95	23.71	5.71	1128.6	1.56	1.40	1.31
1164.3	8.80	8.57	8.54	0.35	23.98	24.52	24.45	5.96	1164.3	1.50	1.40	1.31
1200.0	8.78	8.56	8.51	0.37	24.89	24.06	25.00	6.25	1200.0	1.43	1.40	1.31
1235.7	8.79	8.58	8.51	0.38	25.80	23.66	25.42	6.56	1235.7	1.39	1.39	1.31
1271.4	8.85	8.64	8.55	0.39	26.67	23.29	25.68	6.88	1271.4	1.36	1.39	1.31
1307.1	8.81	8.63	8.50	0.41	27.32	22.87	25.67	7.23	1307.1	1.32	1.39	1.31
1342.9	8.91	8.72	8.57	0.42	27.85	22.54	25.60	7.54	1342.9	1.30	1.38	1.31
1378.6	8.93	8.76	8.59	0.43	27.92	22.15	25.30	7.87	1378.6	1.29	1.38	1.31
1414.3	8.94	8.80	8.58	0.46	27.60	21.75	24.85	8.30	1414.3	1.29	1.38	1.31
1450.0	9.07	8.93	8.70	0.46	26.98	21.41	24.40	8.66	1450.0	1.29	1.37	1.30
1495.8	9.09	8.98	8.69	0.49	25.61	20.85	23.51	9.21	1495.8	1.32	1.36	1.30
1541.7	9.25	9.17	8.83	0.52	24.12	20.35	22.60	9.74	1541.7	1.37	1.35	1.28
1587.5	9.36	9.29	8.91	0.55	22.46	19.73	21.53	10.30	1587.5	1.43	1.33	1.27
1633.3	9.53	9.51	9.06	0.60	20.87	19.12	20.42	10.87	1633.3	1.53	1.31	1.25
1679.2	9.76	9.75	9.24	0.62	19.38	18.52	19.28	11.47	1679.2	1.65	1.28	1.23
1725.0	10.01	10.05	9.46	0.68	18.00	17.98	18.13	12.22	1725.0	1.82	1.25	1.21
1770.8	10.36	10.41	9.77	0.73	16.77	17.49	17.07	12.80	1770.8	2.05	1.23	1.19
1816.7	10.70	10.81	10.06	0.84	15.63	17.03	16.02	13.54	1816.7	2.28	1.22	1.16
1862.5	11.17	11.30	10.48	0.90	14.66	16.67	15.09	14.13	1862.5	2.58	1.21	1.14
1908.3	11.65	11.86	10.90	1.03	13.79	16.35	14.22	15.00	1908.3	2.99	1.22	1.12
1954.2	12.23	12.48	11.40	1.12	13.05	16.15	13.47	15.80	1954.2	3.38	1.24	1.12
2000.0	12.83	13.15	11.95	1.24	12.40	16.03	12.81	16.56	2000.0	3.90	1.28	1.13

¹ Total Loss = Insertion Loss + 7.8dB Splitter Loss

REV. X2

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