

8 Way-0° Power Splitter/Combiner

JCPS-ED12772/3

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	S-6	S-8		1-2	2-3	5-6	7-8			S	1	8
30.0	10.90	11.70	11.83	12.61	12.56	13.44	2.55	14.48	25.47	15.48	16.82	5.82	30.0	4.69	10.50	16.41
50.0	9.77	10.51	10.48	11.19	11.19	11.85	2.08	13.12	25.95	13.90	14.96	7.02	50.0	2.75	5.70	8.12
70.0	9.50	10.17	10.05	10.69	10.71	11.22	1.72	13.02	27.20	13.67	14.51	7.01	70.0	2.14	4.05	5.36
90.0	9.43	10.04	9.88	10.45	10.49	10.89	1.46	13.32	28.35	13.86	14.53	6.53	90.0	1.86	3.25	4.09
100.0	9.42	10.00	9.83	10.37	10.42	10.78	1.37	13.51	28.85	14.01	14.61	6.22	100.0	1.77	2.99	3.68
150.0	9.43	9.93	9.74	10.16	10.23	10.49	1.06	14.56	30.40	14.87	15.16	4.98	150.0	1.54	2.26	2.61
200.0	9.48	9.92	9.73	10.08	10.15	10.35	0.87	15.46	30.98	15.63	15.68	3.97	200.0	1.42	1.92	2.14
250.0	9.54	9.94	9.74	10.04	10.11	10.29	0.74	16.16	31.09	16.25	16.10	3.47	250.0	1.36	1.73	1.87
300.0	9.61	9.97	9.75	10.02	10.09	10.25	0.64	16.74	31.17	16.82	16.51	3.30	300.0	1.30	1.59	1.70
350.0	9.68	10.01	9.78	10.01	10.07	10.22	0.58	17.30	31.31	17.42	16.96	3.22	350.0	1.26	1.50	1.57
400.0	9.75	10.04	9.81	10.01	10.06	10.22	0.57	17.83	31.54	18.05	17.45	3.19	400.0	1.22	1.42	1.48
450.0	9.81	10.08	9.83	10.02	10.06	10.22	0.56	18.39	31.88	18.77	18.03	3.33	450.0	1.18	1.36	1.40
500.0	9.88	10.12	9.87	10.02	10.06	10.23	0.55	19.02	32.48	19.59	18.68	3.44	500.0	1.14	1.32	1.34
550.0	9.93	10.14	9.90	10.03	10.07	10.25	0.55	19.70	33.16	20.52	19.42	3.56	550.0	1.12	1.27	1.29
600.0	9.96	10.16	9.93	10.04	10.09	10.27	0.54	20.49	34.02	21.60	20.28	3.90	600.0	1.11	1.24	1.24
650.0	10.00	10.18	9.97	10.06	10.12	10.31	0.53	21.37	34.77	22.79	21.19	4.19	650.0	1.13	1.21	1.21
700.0	10.03	10.20	10.02	10.10	10.17	10.37	0.52	22.33	34.87	24.04	22.12	4.47	700.0	1.19	1.19	1.18
750.0	10.07	10.23	10.09	10.16	10.24	10.44	0.50	23.27	33.95	25.19	22.94	4.70	750.0	1.26	1.18	1.15
800.0	10.10	10.26	10.16	10.23	10.32	10.53	0.48	24.02	32.50	25.93	23.50	5.12	800.0	1.34	1.16	1.13
850.0	10.14	10.30	10.24	10.32	10.41	10.62	0.48	24.46	30.99	26.09	23.74	5.51	850.0	1.42	1.15	1.11
900.0	10.18	10.33	10.33	10.41	10.50	10.71	0.54	24.51	29.66	25.74	23.65	5.87	900.0	1.50	1.14	1.10
950.0	10.21	10.37	10.41	10.51	10.59	10.80	0.59	24.21	28.65	25.13	23.37	6.13	950.0	1.57	1.13	1.08
1000.0	10.24	10.40	10.49	10.60	10.66	10.87	0.62	23.78	27.97	24.59	23.07	6.33	1000.0	1.62	1.12	1.06
1050.0	10.27	10.41	10.55	10.67	10.71	10.91	0.64	23.36	27.57	24.21	22.87	6.44	1050.0	1.65	1.10	1.05
1100.0	10.28	10.42	10.60	10.73	10.73	10.92	0.64	23.06	27.44	24.11	22.86	6.51	1100.0	1.65	1.08	1.06
1150.0	10.28	10.41	10.64	10.77	10.73	10.89	0.61	22.95	27.52	24.32	23.10	6.46	1150.0	1.62	1.07	1.07
1200.0	10.28	10.39	10.65	10.80	10.70	10.84	0.56	23.08	27.72	24.95	23.74	6.37	1200.0	1.54	1.04	1.10
1250.0	10.28	10.37	10.67	10.81	10.64	10.76	0.52	23.43	27.71	25.97	24.83	6.22	1250.0	1.44	1.03	1.12
1300.0	10.32	10.37	10.70	10.82	10.60	10.68	0.50	23.96	27.19	27.36	26.59	6.05	1300.0	1.32	1.01	1.14
1350.0	10.40	10.40	10.77	10.86	10.59	10.63	0.46	24.49	26.06	28.43	29.16	5.90	1350.0	1.18	1.01	1.16
1400.0	10.56	10.50	10.90	10.94	10.62	10.62	0.44	24.81	24.56	27.97	32.29	6.04	1400.0	1.05	1.01	1.18
1450.0	10.81	10.67	11.11	11.09	10.73	10.67	0.45	24.65	22.97	25.85	32.46	6.70	1450.0	1.12	1.02	1.18
1500.0	11.15	10.92	11.40	11.31	10.94	10.82	0.58	24.00	21.54	23.49	28.98	7.61	1500.0	1.28	1.01	1.18
1600.0	12.06	11.58	12.17	11.86	11.56	11.28	0.90	22.73	19.70	20.16	24.24	10.39	1600.0	1.58	1.01	1.16
1700.0	12.92	12.12	12.93	12.30	12.22	11.72	1.21	23.83	19.48	18.97	23.41	14.66	1700.0	1.56	1.04	1.17
1800.0	13.44	12.39	13.66	12.67	12.87	12.11	1.55	27.18	20.18	19.50	25.92	22.94	1800.0	1.01	1.09	1.25
1900.0	14.61	13.50	15.40	14.22	14.49	13.49	1.91	19.94	17.71	19.47	23.76	32.91	1900.0	2.12	1.14	1.33
2000.0	16.46	15.48	17.73	16.75	16.63	15.62	2.25	16.30	15.35	18.01	19.19	35.86	2000.0	3.85	1.20	1.40
2100.0	17.60	16.79	18.90	18.25	17.72	17.00	2.20	14.22	14.09	15.80	15.56	28.93	2100.0	4.88	1.26	1.49
2200.0	17.51	16.89	18.73	18.34	17.88	17.57	2.32	12.55	13.31	13.50	12.91	17.76	2200.0	4.73	1.34	1.56

¹ Total Loss = Insertion Loss + 9dB Splitter Loss