

8 Way-0° Power Splitter/Combiner

JCPS-ED7410/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)						AMP. UNBAL. (dB)	ISOLATION (dB)				PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2	S-3	S-4	S-6	S-8		1-2	1-8	3-4	6-7			S	1	8
1.0	10.23	10.25	10.25	10.26	10.29	10.28	0.03	36.20	30.36	39.43	35.94	0.28	1.0	1.63	1.54	1.56
2.0	9.98	9.99	9.99	9.99	10.01	10.01	0.03	36.61	32.67	39.11	36.91	0.20	2.0	1.51	1.36	1.37
4.0	9.78	9.79	9.79	9.79	9.81	9.81	0.02	37.27	34.38	39.15	37.20	0.17	4.0	1.43	1.25	1.25
6.0	9.73	9.73	9.73	9.73	9.75	9.75	0.02	36.99	35.05	38.52	37.21	0.17	6.0	1.40	1.21	1.21
8.0	9.71	9.72	9.72	9.72	9.73	9.74	0.02	36.90	35.34	38.14	37.14	0.15	8.0	1.38	1.19	1.19
10.0	9.71	9.72	9.72	9.72	9.73	9.74	0.02	36.75	35.52	37.88	37.12	0.12	10.0	1.38	1.18	1.19
55.0	9.80	9.80	9.80	9.80	9.80	9.81	0.01	33.25	36.44	33.61	35.01	0.28	55.0	1.36	1.18	1.18
100.0	9.85	9.84	9.83	9.83	9.84	9.85	0.03	30.83	36.93	30.89	32.62	0.51	100.0	1.33	1.17	1.17
110.0	9.86	9.85	9.84	9.84	9.84	9.85	0.03	30.32	37.12	30.43	32.20	0.51	110.0	1.33	1.17	1.17
150.0	9.93	9.91	9.89	9.89	9.90	9.91	0.05	28.64	37.58	28.64	30.43	0.65	150.0	1.31	1.18	1.18
190.0	9.94	9.90	9.88	9.88	9.89	9.90	0.07	27.22	38.16	27.11	28.86	0.84	190.0	1.27	1.17	1.17
230.0	10.02	9.97	9.95	9.94	9.94	9.96	0.10	26.01	38.86	25.89	27.55	1.04	230.0	1.24	1.18	1.18
270.0	10.03	9.96	9.92	9.92	9.92	9.94	0.13	24.89	39.63	24.75	26.32	1.18	270.0	1.20	1.19	1.19
310.0	10.12	10.03	9.99	9.98	9.98	10.00	0.17	23.92	40.49	23.79	25.30	1.37	310.0	1.16	1.20	1.19
350.0	10.16	10.04	10.00	9.98	9.99	10.01	0.20	22.99	41.34	22.91	24.33	1.53	350.0	1.12	1.21	1.20
390.0	10.24	10.11	10.06	10.04	10.04	10.07	0.23	22.18	41.82	22.14	23.46	1.71	390.0	1.07	1.23	1.21
430.0	10.31	10.16	10.11	10.08	10.08	10.11	0.25	21.44	41.98	21.52	22.73	1.91	430.0	1.06	1.24	1.22
450.0	10.43	10.27	10.21	10.19	10.19	10.22	0.28	21.12	41.76	21.25	22.41	2.03	450.0	1.07	1.25	1.23
550.0	10.63	10.44	10.38	10.36	10.34	10.40	0.31	20.01	39.69	20.44	21.19	1.93	550.0	1.21	1.30	1.28
650.0	10.78	10.60	10.55	10.53	10.51	10.58	0.28	19.67	36.69	20.47	20.82	4.30	650.0	1.33	1.35	1.34
750.0	10.75	10.62	10.61	10.60	10.58	10.67	0.18	19.54	33.36	20.97	21.32	5.47	750.0	1.32	1.39	1.40
850.0	10.66	10.62	10.61	10.62	10.62	10.75	0.15	18.45	30.13	20.53	22.60	6.29	850.0	1.17	1.38	1.44
900.0	10.55	10.56	10.54	10.57	10.59	10.73	0.19	17.44	28.62	19.61	23.28	6.36	900.0	1.06	1.35	1.44
950.0	10.57	10.64	10.60	10.65	10.71	10.89	0.32	16.38	27.47	18.46	23.78	6.19	950.0	1.04	1.33	1.45
1000.0	10.60	10.72	10.68	10.73	10.82	11.03	0.43	15.40	26.54	17.34	24.08	5.70	1000.0	1.17	1.29	1.43

¹Total Loss = Insertion Loss + 9dB Splitter Loss