

4 Way-0° Power Splitter/Combiner

PSC-ED937B/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		1-2	1-3	3-4			S	1	2	3	4
0.1	6.44	6.44	6.57	6.58	0.14	28.99	26.48	26.35	1.16	0.1	1.59	1.89	1.88	1.90	1.89
0.2	6.30	6.31	6.36	6.37	0.07	29.78	31.97	28.23	0.71	0.2	1.34	1.44	1.43	1.44	1.43
0.4	6.29	6.30	6.33	6.34	0.05	30.11	37.86	28.91	0.35	0.4	1.26	1.28	1.28	1.28	1.28
0.6	6.30	6.30	6.33	6.34	0.04	30.00	40.94	28.99	0.23	0.6	1.24	1.24	1.24	1.24	1.24
0.8	6.30	6.31	6.33	6.34	0.04	29.96	42.87	28.97	0.20	0.8	1.24	1.23	1.23	1.22	1.22
1.0	6.29	6.30	6.33	6.33	0.04	29.94	43.94	29.00	0.15	1.0	1.24	1.22	1.22	1.21	1.21
2.0	6.28	6.28	6.30	6.31	0.04	29.91	46.65	29.05	0.09	2.0	1.25	1.19	1.19	1.19	1.19
4.0	6.26	6.27	6.28	6.29	0.03	29.90	47.65	29.12	0.07	4.0	1.26	1.17	1.17	1.16	1.16
6.0	6.26	6.27	6.28	6.29	0.03	29.92	47.58	29.22	0.05	6.0	1.26	1.16	1.16	1.15	1.15
8.0	6.27	6.28	6.29	6.30	0.03	29.96	47.69	29.30	0.05	8.0	1.27	1.15	1.15	1.15	1.15
10.0	6.27	6.28	6.29	6.30	0.03	29.99	47.63	29.45	0.06	10.0	1.27	1.15	1.15	1.15	1.15
20.0	6.31	6.31	6.33	6.34	0.03	30.30	47.10	29.79	0.10	20.0	1.28	1.14	1.14	1.14	1.14
40.0	6.36	6.37	6.38	6.40	0.04	30.29	44.63	30.27	0.20	40.0	1.29	1.13	1.13	1.13	1.12
60.0	6.40	6.41	6.43	6.45	0.04	30.02	42.36	30.44	0.28	60.0	1.29	1.12	1.12	1.12	1.12
80.0	6.44	6.44	6.46	6.48	0.05	29.70	40.85	30.54	0.40	80.0	1.28	1.11	1.12	1.11	1.11
100.0	6.46	6.47	6.50	6.53	0.06	29.41	39.78	30.59	0.48	100.0	1.27	1.11	1.11	1.11	1.11
150.0	6.53	6.55	6.60	6.64	0.10	29.14	38.30	30.58	0.72	150.0	1.21	1.10	1.10	1.11	1.11
200.0	6.63	6.67	6.73	6.79	0.16	28.51	38.39	29.13	0.91	200.0	1.16	1.13	1.12	1.15	1.14
250.0	6.77	6.82	6.90	6.99	0.21	25.92	40.47	25.90	1.10	250.0	1.17	1.17	1.17	1.19	1.19
270.0	6.85	6.91	6.99	7.08	0.23	24.49	42.59	24.51	1.20	270.0	1.20	1.19	1.18	1.21	1.21
290.0	6.93	7.00	7.09	7.18	0.24	23.14	44.94	23.20	1.31	290.0	1.24	1.21	1.20	1.24	1.23
310.0	7.03	7.10	7.19	7.28	0.25	21.85	47.84	22.02	1.38	310.0	1.28	1.23	1.23	1.26	1.26
330.0	7.14	7.21	7.31	7.40	0.26	20.73	46.50	20.94	1.52	330.0	1.31	1.25	1.24	1.28	1.28
350.0	7.25	7.33	7.43	7.52	0.26	19.70	42.53	19.99	1.59	350.0	1.34	1.27	1.26	1.29	1.29
370.0	7.38	7.46	7.56	7.64	0.27	18.85	39.00	19.13	1.73	370.0	1.35	1.29	1.28	1.31	1.30
390.0	7.50	7.59	7.69	7.76	0.26	18.08	35.94	18.35	1.88	390.0	1.35	1.31	1.30	1.32	1.32
410.0	7.67	7.77	7.85	7.91	0.23	17.35	33.68	17.61	1.99	410.0	1.33	1.34	1.32	1.35	1.35
450.0	8.19	8.30	8.34	8.34	0.15	15.71	30.27	15.96	2.38	450.0	1.33	1.43	1.40	1.42	1.42

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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