

4 Way-0° Power Splitter/Combiner

PSC-4-1W+

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	2-3	3-4			S	1	2	3	4
1.0	6.53	6.53	6.52	6.52	0.01	28.07	59.70	27.99	0.11	1.0	1.16	1.24	1.24	1.24	1.24
3.0	6.41	6.40	6.40	6.41	0.01	29.99	58.51	29.56	0.07	3.0	1.09	1.15	1.15	1.16	1.16
5.0	6.40	6.40	6.40	6.40	0.01	30.23	56.95	29.79	0.04	5.0	1.08	1.14	1.14	1.14	1.14
7.0	6.41	6.39	6.40	6.40	0.01	30.24	55.36	29.79	0.06	7.0	1.07	1.13	1.13	1.14	1.14
9.0	6.41	6.40	6.41	6.41	0.01	30.19	53.99	29.75	0.06	9.0	1.07	1.13	1.13	1.14	1.14
10.0	6.40	6.40	6.40	6.40	0.01	30.18	53.42	29.74	0.05	10.0	1.07	1.13	1.13	1.13	1.14
20.0	6.43	6.43	6.42	6.42	0.00	29.86	48.30	29.51	0.07	20.0	1.07	1.13	1.13	1.13	1.13
40.0	6.45	6.44	6.45	6.45	0.01	29.40	43.42	29.05	0.18	40.0	1.06	1.12	1.12	1.13	1.13
60.0	6.47	6.47	6.47	6.48	0.01	28.89	40.36	28.52	0.32	60.0	1.06	1.12	1.12	1.12	1.12
80.0	6.48	6.48	6.49	6.50	0.02	28.35	38.17	28.04	0.37	80.0	1.06	1.11	1.11	1.12	1.12
100.0	6.50	6.50	6.51	6.50	0.01	27.88	36.55	27.58	0.46	100.0	1.06	1.11	1.11	1.11	1.11
110.0	6.51	6.51	6.51	6.52	0.01	27.62	35.81	27.33	0.59	110.0	1.06	1.11	1.11	1.11	1.11
120.0	6.51	6.50	6.52	6.53	0.02	27.40	35.24	27.09	0.64	120.0	1.06	1.10	1.10	1.10	1.11
130.0	6.52	6.53	6.52	6.54	0.03	27.21	34.68	26.89	0.67	130.0	1.06	1.10	1.10	1.10	1.10
140.0	6.51	6.53	6.53	6.55	0.03	26.97	34.13	26.68	0.74	140.0	1.06	1.10	1.10	1.10	1.10
150.0	6.53	6.52	6.55	6.55	0.03	26.79	33.61	26.49	0.55	150.0	1.06	1.10	1.10	1.10	1.10
170.0	6.54	6.53	6.55	6.57	0.04	26.48	32.83	26.14	0.72	170.0	1.06	1.09	1.09	1.09	1.09
190.0	6.54	6.55	6.56	6.60	0.05	26.20	32.10	25.89	0.83	190.0	1.06	1.09	1.09	1.09	1.09
200.0	6.55	6.55	6.56	6.60	0.05	26.09	31.78	25.79	0.80	200.0	1.06	1.09	1.08	1.09	1.09
210.0	6.56	6.56	6.58	6.60	0.04	26.04	31.53	25.70	0.89	210.0	1.07	1.09	1.08	1.09	1.09
230.0	6.57	6.58	6.59	6.63	0.06	25.97	31.10	25.61	0.97	230.0	1.07	1.09	1.08	1.08	1.09
250.0	6.57	6.59	6.61	6.65	0.07	25.98	30.72	25.63	0.97	250.0	1.07	1.09	1.08	1.09	1.09
270.0	6.60	6.60	6.63	6.68	0.08	26.10	30.49	25.73	1.09	270.0	1.07	1.10	1.09	1.09	1.09
290.0	6.60	6.60	6.64	6.69	0.10	26.33	30.29	25.93	1.12	290.0	1.08	1.11	1.09	1.10	1.09
300.0	6.60	6.61	6.64	6.71	0.11	26.53	30.32	26.12	1.03	300.0	1.09	1.11	1.10	1.10	1.10
320.0	6.60	6.63	6.66	6.73	0.13	26.98	30.32	26.54	1.07	320.0	1.10	1.12	1.11	1.11	1.11
340.0	6.63	6.63	6.67	6.76	0.13	27.67	30.45	27.18	1.12	340.0	1.11	1.14	1.12	1.12	1.12
360.0	6.63	6.67	6.71	6.79	0.16	28.59	30.75	28.04	1.09	360.0	1.13	1.15	1.13	1.14	1.13
380.0	6.65	6.68	6.73	6.82	0.17	29.79	31.15	29.12	1.22	380.0	1.16	1.17	1.14	1.15	1.14
400.0	6.67	6.70	6.74	6.86	0.18	31.45	31.73	30.57	1.07	400.0	1.18	1.18	1.16	1.16	1.15
410.0	6.68	6.72	6.76	6.86	0.18	32.54	32.08	31.53	0.97	410.0	1.20	1.19	1.17	1.17	1.16
420.0	6.71	6.73	6.78	6.89	0.18	33.82	32.52	32.62	1.02	420.0	1.21	1.20	1.17	1.18	1.17
430.0	6.72	6.77	6.81	6.92	0.19	35.41	32.98	33.83	1.04	430.0	1.23	1.21	1.18	1.19	1.18
440.0	6.74	6.78	6.82	6.93	0.19	37.51	33.55	35.40	0.96	440.0	1.25	1.21	1.19	1.19	1.18
450.0	6.77	6.80	6.85	6.96	0.19	40.39	34.21	37.18	0.83	450.0	1.27	1.22	1.20	1.20	1.19
460.0	6.77	6.82	6.85	6.98	0.21	44.77	35.04	39.06	0.88	460.0	1.29	1.23	1.21	1.21	1.20
470.0	6.78	6.82	6.87	7.00	0.22	50.70	36.07	40.49	0.75	470.0	1.31	1.24	1.22	1.22	1.21
480.0	6.80	6.84	6.89	7.02	0.22	46.86	37.10	40.39	0.77	480.0	1.33	1.25	1.22	1.23	1.22
490.0	6.82	6.87	6.92	7.04	0.22	41.23	38.59	38.63	0.73	490.0	1.35	1.25	1.23	1.23	1.22
500.0	6.87	6.91	6.94	7.09	0.22	37.58	40.54	36.30	0.82	500.0	1.38	1.26	1.24	1.24	1.23

¹Total Loss = Insertion Loss + 6dB Splitter Loss

