

4 Way-0° Power Splitter/Combiner

PSC-4-3+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹				AMP. UNBAL. (dB)	ISOLATION			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR				
	(dB)					(dB)					(:1)				
	S-1	S-2	S-3	S-4		1-2	1-3	3-4		S	1	2	3	4	
0.3	6.18	6.19	6.19	6.19	0.01	33.83	60.31	30.63	0.09	0.3	1.12	1.17	1.17	1.19	1.19
0.3	6.18	6.19	6.18	6.18	0.01	35.06	61.17	31.88	0.05	0.3	1.10	1.14	1.14	1.16	1.16
0.4	6.18	6.18	6.19	6.18	0.01	36.78	60.19	33.69	0.05	0.4	1.08	1.11	1.11	1.12	1.12
0.5	6.18	6.19	6.19	6.19	0.01	37.82	60.18	34.91	0.08	0.5	1.07	1.10	1.09	1.11	1.11
0.6	6.18	6.18	6.19	6.19	0.01	38.56	60.13	35.70	0.09	0.6	1.06	1.09	1.08	1.09	1.09
0.7	6.19	6.18	6.19	6.18	0.01	39.22	60.74	36.43	0.07	0.7	1.06	1.08	1.08	1.09	1.09
0.8	6.17	6.17	6.18	6.18	0.01	39.73	60.27	36.96	0.12	0.8	1.05	1.07	1.07	1.08	1.08
0.9	6.17	6.17	6.18	6.18	0.02	40.14	59.92	37.43	0.09	0.9	1.05	1.07	1.07	1.08	1.08
1.0	6.18	6.17	6.18	6.18	0.01	40.57	59.76	37.87	0.05	1.0	1.05	1.06	1.06	1.07	1.07
1.5	6.15	6.16	6.16	6.16	0.01	42.17	59.28	39.40	0.06	1.5	1.04	1.05	1.05	1.06	1.06
2.0	6.16	6.16	6.16	6.17	0.01	43.04	57.82	40.46	0.09	2.0	1.03	1.04	1.04	1.05	1.05
2.5	6.16	6.16	6.15	6.15	0.01	43.63	56.97	41.34	0.05	2.5	1.03	1.04	1.04	1.04	1.04
3.0	6.15	6.15	6.15	6.15	0.00	43.91	56.07	41.88	0.04	3.0	1.03	1.04	1.04	1.04	1.04
4.0	6.15	6.15	6.16	6.15	0.01	43.96	54.62	42.58	0.10	4.0	1.03	1.03	1.03	1.03	1.03
5.0	6.16	6.16	6.16	6.16	0.00	43.80	52.88	42.86	0.04	5.0	1.02	1.03	1.03	1.03	1.03
6.0	6.16	6.16	6.16	6.16	0.00	43.33	51.55	42.75	0.01	6.0	1.02	1.03	1.03	1.03	1.03
7.0	6.15	6.15	6.16	6.16	0.02	42.99	50.77	42.70	0.02	7.0	1.02	1.03	1.03	1.03	1.03
8.0	6.17	6.17	6.17	6.17	0.00	42.77	49.93	42.57	0.06	8.0	1.03	1.02	1.02	1.03	1.03
9.0	6.17	6.17	6.18	6.17	0.01	42.43	49.04	42.39	0.03	9.0	1.03	1.02	1.02	1.02	1.02
10.0	6.17	6.17	6.17	6.17	0.00	42.08	48.45	42.19	0.09	10.0	1.03	1.02	1.02	1.02	1.02
20.0	6.21	6.21	6.21	6.21	0.01	39.44	43.69	39.92	0.11	20.0	1.04	1.02	1.02	1.02	1.02
40.0	6.24	6.25	6.25	6.24	0.00	36.15	38.64	36.88	0.11	40.0	1.06	1.01	1.01	1.02	1.02
60.0	6.28	6.28	6.28	6.30	0.02	33.95	35.57	34.77	0.18	60.0	1.08	1.01	1.01	1.02	1.02
80.0	6.32	6.32	6.32	6.33	0.01	32.43	33.39	33.32	0.22	80.0	1.09	1.02	1.02	1.03	1.02
100.0	6.33	6.34	6.35	6.36	0.03	31.36	31.78	32.36	0.25	100.0	1.10	1.03	1.03	1.04	1.03
110.0	6.35	6.36	6.37	6.37	0.03	30.96	31.10	32.01	0.35	110.0	1.11	1.04	1.03	1.04	1.04
125.0	6.36	6.37	6.38	6.40	0.04	30.59	30.20	31.65	0.26	125.0	1.11	1.05	1.04	1.05	1.05
130.0	6.38	6.39	6.39	6.41	0.03	30.49	29.94	31.59	0.28	130.0	1.11	1.05	1.04	1.06	1.05
140.0	6.38	6.40	6.41	6.42	0.04	30.34	29.44	31.52	0.27	140.0	1.12	1.06	1.05	1.07	1.06
150.0	6.38	6.40	6.41	6.44	0.05	30.38	29.07	31.59	0.40	150.0	1.12	1.06	1.06	1.08	1.07
160.0	6.40	6.42	6.43	6.45	0.05	30.43	28.66	31.72	0.27	160.0	1.12	1.07	1.07	1.08	1.08
170.0	6.41	6.43	6.43	6.46	0.06	30.62	28.34	31.96	0.32	170.0	1.12	1.08	1.08	1.09	1.09
180.0	6.42	6.44	6.45	6.48	0.06	30.94	28.05	32.39	0.35	180.0	1.12	1.09	1.09	1.10	1.10
190.0	6.43	6.44	6.47	6.49	0.06	31.42	27.83	33.02	0.48	190.0	1.12	1.10	1.10	1.12	1.11
200.0	6.43	6.46	6.48	6.52	0.10	32.14	27.67	33.91	0.42	200.0	1.12	1.11	1.11	1.13	1.12
210.0	6.44	6.46	6.48	6.53	0.08	32.95	27.48	34.95	0.39	210.0	1.12	1.12	1.12	1.14	1.13
220.0	6.45	6.47	6.49	6.53	0.09	34.22	27.42	36.54	0.43	220.0	1.12	1.13	1.13	1.15	1.14
230.0	6.45	6.49	6.51	6.56	0.11	35.85	27.32	38.65	0.37	230.0	1.13	1.15	1.14	1.16	1.16
240.0	6.46	6.49	6.52	6.57	0.11	38.23	27.30	41.98	0.41	240.0	1.13	1.16	1.15	1.18	1.17
250.0	6.49	6.52	6.55	6.59	0.10	42.02	27.34	47.12	0.27	250.0	1.14	1.17	1.16	1.19	1.18

¹Total Loss = Insertion Loss + 6dB Splitter Loss

