

9 Way-0° Power Splitter/Combiner

PSC-9-1+

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		1-2	1-3			S	1	3
2.0	10.08	10.08	10.08	0.01	37.67	37.03	0.08	2.0	1.29	1.14	1.13
4.0	10.05	10.05	10.06	0.01	37.51	37.03	0.06	4.0	1.27	1.10	1.09
6.0	10.06	10.06	10.05	0.02	37.35	37.01	0.12	6.0	1.26	1.08	1.08
8.0	10.05	10.04	10.04	0.01	37.15	36.90	0.18	8.0	1.26	1.08	1.08
10.0	10.05	10.05	10.05	0.02	36.90	36.74	0.12	10.0	1.26	1.08	1.07
12.0	10.06	10.07	10.07	0.02	36.63	36.55	0.16	12.0	1.26	1.07	1.07
14.0	10.07	10.07	10.07	0.01	36.40	36.36	0.14	14.0	1.25	1.07	1.07
16.0	10.07	10.08	10.08	0.01	36.11	36.16	0.16	16.0	1.25	1.07	1.07
18.0	10.09	10.10	10.10	0.01	35.88	35.93	0.14	18.0	1.25	1.07	1.07
20.0	10.10	10.10	10.10	0.01	35.62	35.75	0.18	20.0	1.25	1.07	1.07
25.0	10.11	10.11	10.11	0.01	34.89	35.11	0.29	25.0	1.25	1.07	1.07
30.0	10.13	10.13	10.13	0.01	34.21	34.50	0.25	30.0	1.25	1.07	1.06
35.0	10.15	10.15	10.15	0.02	33.56	33.90	0.30	35.0	1.25	1.06	1.06
40.0	10.16	10.16	10.16	0.01	32.90	33.29	0.33	40.0	1.25	1.06	1.06
45.0	10.17	10.17	10.17	0.01	32.27	32.71	0.46	45.0	1.25	1.06	1.06
50.0	10.19	10.20	10.19	0.02	31.73	32.17	0.46	50.0	1.25	1.06	1.06
60.0	10.22	10.24	10.23	0.03	30.67	31.19	0.58	60.0	1.25	1.06	1.06
70.0	10.23	10.24	10.25	0.02	29.73	30.27	0.65	70.0	1.26	1.06	1.05
80.0	10.27	10.28	10.28	0.02	28.90	29.50	0.73	80.0	1.26	1.05	1.05
90.0	10.30	10.30	10.30	0.02	28.19	28.81	0.85	90.0	1.27	1.05	1.05
100.0	10.33	10.33	10.33	0.02	27.51	28.17	0.92	100.0	1.27	1.05	1.04
110.0	10.36	10.37	10.35	0.04	26.94	27.58	1.05	110.0	1.27	1.05	1.04
120.0	10.39	10.39	10.38	0.03	26.38	27.07	1.04	120.0	1.28	1.04	1.04
130.0	10.42	10.42	10.40	0.04	25.90	26.60	1.27	130.0	1.28	1.04	1.03
140.0	10.45	10.45	10.44	0.03	25.47	26.18	1.37	140.0	1.28	1.04	1.03
150.0	10.48	10.48	10.45	0.06	25.08	25.79	1.42	150.0	1.28	1.03	1.02
160.0	10.51	10.51	10.48	0.05	24.72	25.46	1.45	160.0	1.28	1.03	1.02
170.0	10.52	10.52	10.49	0.06	24.37	25.12	1.52	170.0	1.28	1.03	1.02
180.0	10.55	10.55	10.52	0.06	24.08	24.83	1.68	180.0	1.28	1.03	1.01
190.0	10.57	10.56	10.54	0.07	23.79	24.57	1.74	190.0	1.28	1.03	1.01
200.0	10.61	10.60	10.57	0.08	23.53	24.33	1.84	200.0	1.27	1.02	1.01
210.0	10.63	10.63	10.59	0.08	23.30	24.11	1.84	210.0	1.26	1.02	1.01
220.0	10.65	10.64	10.60	0.08	23.10	23.93	1.98	220.0	1.26	1.02	1.01
230.0	10.67	10.67	10.62	0.10	22.88	23.75	2.04	230.0	1.25	1.02	1.02
240.0	10.68	10.67	10.63	0.12	22.71	23.58	2.05	240.0	1.24	1.03	1.02
250.0	10.71	10.69	10.65	0.12	22.53	23.42	2.15	250.0	1.22	1.03	1.02
260.0	10.72	10.71	10.65	0.13	22.37	23.28	2.22	260.0	1.21	1.03	1.02
270.0	10.74	10.72	10.67	0.14	22.21	23.14	2.31	270.0	1.20	1.03	1.03
280.0	10.76	10.74	10.69	0.15	22.06	23.00	2.32	280.0	1.18	1.03	1.03
290.0	10.78	10.77	10.71	0.17	21.91	22.87	2.43	290.0	1.16	1.04	1.03
300.0	10.80	10.78	10.73	0.18	21.76	22.75	2.44	300.0	1.15	1.04	1.04

¹Total Loss = Insertion Loss + 9.6dB Splitter Loss

