

10 Way-0° Power Splitter/Combiner

PSC-10-1+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)	AMP. UNBAL. (dB)	ISOLATION (dB)		PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)	
			Adjacent	Opposite			S	OUTPUTS
1.0	10.48	0.04	33.61	52.48	0.24	1.0	1.12	1.37
2.0	10.39	0.05	35.36	55.65	0.23	2.0	1.09	1.27
3.0	10.34	0.04	36.45	57.79	0.25	3.0	1.08	1.22
4.0	10.31	0.05	37.22	59.02	0.37	4.0	1.07	1.19
5.0	10.31	0.04	37.77	59.69	0.40	5.0	1.07	1.17
6.0	10.31	0.02	38.10	60.56	0.50	6.0	1.07	1.16
7.0	10.31	0.03	38.30	60.66	0.54	7.0	1.08	1.15
8.0	10.30	0.04	38.41	61.19	0.57	8.0	1.08	1.15
9.0	10.31	0.04	38.44	60.48	0.71	9.0	1.08	1.15
10.0	10.31	0.03	38.38	60.63	0.67	10.0	1.08	1.14
12.0	10.30	0.04	38.22	60.26	0.82	12.0	1.09	1.14
14.0	10.31	0.03	37.95	59.67	0.96	14.0	1.09	1.14
16.0	10.32	0.03	37.64	59.23	1.05	16.0	1.10	1.14
18.0	10.32	0.03	37.26	58.30	1.16	18.0	1.10	1.13
20.0	10.34	0.03	36.88	57.86	1.29	20.0	1.11	1.13
22.0	10.34	0.04	36.54	57.06	1.42	22.0	1.12	1.13
24.0	10.36	0.03	36.12	56.71	1.58	24.0	1.12	1.13
26.0	10.35	0.04	35.77	55.77	1.69	26.0	1.13	1.13
28.0	10.36	0.04	35.41	55.76	1.89	28.0	1.13	1.13
30.0	10.37	0.04	35.07	55.25	1.99	30.0	1.14	1.13
35.0	10.39	0.04	34.16	54.00	2.29	35.0	1.16	1.13
40.0	10.40	0.05	33.38	53.07	2.58	40.0	1.17	1.12
45.0	10.43	0.05	32.64	52.37	2.92	45.0	1.19	1.12
50.0	10.47	0.06	31.99	51.48	3.16	50.0	1.20	1.12
55.0	10.48	0.05	31.42	51.12	3.42	55.0	1.22	1.12
60.0	10.51	0.08	30.90	50.14	3.76	60.0	1.24	1.11
65.0	10.54	0.08	30.42	49.80	4.05	65.0	1.25	1.11
70.0	10.57	0.08	29.99	49.39	4.32	70.0	1.26	1.11
75.0	10.59	0.09	29.62	48.84	4.63	75.0	1.28	1.10
80.0	10.61	0.09	29.29	48.27	4.93	80.0	1.29	1.10
85.0	10.63	0.11	29.00	47.97	5.22	85.0	1.30	1.10
90.0	10.66	0.10	28.72	47.59	5.42	90.0	1.31	1.09
95.0	10.67	0.11	28.49	47.25	5.77	95.0	1.32	1.09
100.0	10.68	0.13	28.31	46.91	6.06	100.0	1.33	1.08
105.0	10.69	0.14	28.16	46.57	6.22	105.0	1.33	1.08
110.0	10.70	0.13	28.05	46.24	6.58	110.0	1.34	1.07
115.0	10.70	0.15	27.95	45.97	6.80	115.0	1.34	1.07
120.0	10.71	0.14	27.91	45.72	7.11	120.0	1.34	1.07
130.0	10.73	0.16	27.91	45.17	7.57	130.0	1.33	1.06
140.0	10.76	0.17	28.06	44.65	8.11	140.0	1.31	1.06
150.0	10.79	0.20	28.36	44.21	8.72	150.0	1.30	1.06

¹ Total Loss = Insertion Loss+ 10 dB Splitter Loss