

6 Way-0° Power Splitter/Combiner

PSC-6-1+

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	5-6			S	1	3
1.00	8.32	8.31	8.33	0.03	33.73	33.10	33.56	0.16	1.00	1.23	1.29	1.30
3.00	8.20	8.19	8.22	0.03	31.72	31.45	31.60	0.14	3.00	1.24	1.20	1.21
9.00	8.16	8.16	8.19	0.04	31.13	31.02	31.05	0.14	9.00	1.26	1.16	1.16
20.00	8.21	8.20	8.24	0.04	31.01	30.97	30.95	0.19	20.00	1.26	1.15	1.15
35.00	8.27	8.27	8.30	0.04	30.82	30.90	30.70	0.28	35.00	1.27	1.14	1.14
50.00	8.30	8.29	8.33	0.04	30.50	30.69	30.31	0.38	50.00	1.28	1.14	1.14
65.00	8.30	8.29	8.33	0.04	30.08	30.42	29.79	0.51	65.00	1.28	1.14	1.14
80.00	8.34	8.33	8.37	0.04	29.59	30.08	29.24	0.60	80.00	1.29	1.13	1.14
95.00	8.41	8.38	8.43	0.05	29.12	29.73	28.72	0.75	95.00	1.29	1.13	1.13
110.00	8.45	8.42	8.46	0.04	28.70	29.42	28.25	0.83	110.00	1.29	1.11	1.12
120.00	8.44	8.41	8.45	0.05	28.42	29.20	27.96	0.92	120.00	1.29	1.11	1.11
130.00	8.44	8.41	8.45	0.05	28.19	29.03	27.72	0.97	130.00	1.29	1.11	1.11
145.00	8.49	8.45	8.49	0.06	27.86	28.79	27.42	1.11	145.00	1.28	1.12	1.12
165.00	8.60	8.54	8.59	0.08	27.44	28.48	27.03	1.21	165.00	1.27	1.11	1.12
175.00	8.63	8.57	8.61	0.09	27.21	28.30	26.86	1.43	175.00	1.27	1.11	1.12

¹Total Loss = Insertion Loss + 7.8dB Splitter Loss

