

2 Way-0° Power Splitter/Combiner

PSC-2-1-75A+

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	1	2
1.0	3.19	3.18	0.01	33.14	0.06	1.0	1.03	1.08	1.09
1.8	3.18	3.17	0.01	35.46	0.01	1.8	1.03	1.07	1.07
2.5	3.17	3.16	0.01	37.11	0.04	2.5	1.03	1.06	1.06
3.3	3.16	3.15	0.01	38.36	0.01	3.3	1.03	1.05	1.05
4.0	3.17	3.16	0.02	39.27	0.02	4.0	1.03	1.05	1.05
4.8	3.18	3.17	0.01	39.96	0.04	4.8	1.03	1.04	1.04
5.5	3.17	3.16	0.02	40.51	0.01	5.5	1.03	1.04	1.04
6.3	3.17	3.16	0.01	40.88	0.01	6.3	1.03	1.04	1.04
7.0	3.18	3.16	0.01	41.25	0.04	7.0	1.03	1.04	1.04
7.8	3.17	3.16	0.01	41.45	0.03	7.8	1.03	1.04	1.04
8.5	3.18	3.17	0.00	41.73	0.03	8.5	1.03	1.04	1.04
9.3	3.17	3.16	0.01	41.83	0.04	9.3	1.03	1.04	1.04
10.0	3.18	3.16	0.02	41.97	0.01	10.0	1.03	1.03	1.04
17.5	3.19	3.18	0.01	42.37	0.00	17.5	1.03	1.03	1.03
25.0	3.20	3.19	0.01	42.59	0.03	25.0	1.03	1.03	1.03
32.5	3.21	3.20	0.01	42.70	0.00	32.5	1.04	1.03	1.03
40.0	3.22	3.21	0.01	42.74	0.02	40.0	1.04	1.03	1.03
47.5	3.23	3.22	0.01	43.05	0.02	47.5	1.04	1.03	1.03
55.0	3.24	3.22	0.01	43.38	0.04	55.0	1.04	1.03	1.03
62.5	3.25	3.23	0.02	44.08	0.03	62.5	1.04	1.03	1.03
70.0	3.26	3.24	0.02	44.92	0.07	70.0	1.04	1.03	1.03
77.5	3.26	3.25	0.01	45.53	0.09	77.5	1.04	1.03	1.03
85.0	3.27	3.26	0.01	46.83	0.05	85.0	1.05	1.03	1.03
92.5	3.28	3.26	0.02	47.96	0.08	92.5	1.05	1.03	1.03
100.0	3.29	3.27	0.02	49.83	0.06	100.0	1.05	1.03	1.03
110.0	3.30	3.28	0.01	51.31	0.06	110.0	1.06	1.03	1.03
116.0	3.31	3.29	0.01	51.54	0.09	116.0	1.07	1.03	1.03
122.0	3.32	3.30	0.02	50.65	0.04	122.0	1.07	1.03	1.03
128.0	3.32	3.31	0.01	48.91	0.09	128.0	1.08	1.04	1.03
134.0	3.32	3.31	0.01	46.97	0.14	134.0	1.08	1.03	1.03
140.0	3.34	3.33	0.01	45.42	0.07	140.0	1.09	1.03	1.03
146.0	3.34	3.33	0.01	43.80	0.04	146.0	1.09	1.03	1.03
152.0	3.35	3.33	0.01	42.33	0.06	152.0	1.09	1.03	1.03
158.0	3.36	3.35	0.02	40.99	0.11	158.0	1.09	1.03	1.03
164.0	3.37	3.35	0.02	39.83	0.04	164.0	1.09	1.03	1.03
170.0	3.38	3.35	0.02	38.75	0.06	170.0	1.10	1.03	1.03
176.0	3.38	3.37	0.02	37.72	0.10	176.0	1.10	1.03	1.03
182.0	3.39	3.36	0.02	36.78	0.10	182.0	1.10	1.03	1.03
188.0	3.40	3.37	0.02	35.92	0.14	188.0	1.10	1.03	1.03
194.0	3.40	3.39	0.01	35.10	0.12	194.0	1.11	1.03	1.03
200.0	3.42	3.40	0.02	34.34	0.13	200.0	1.12	1.03	1.03

¹Total Loss = Insertion Loss + 3dB Splitter Loss

