

2 Way-0° Power Splitter/Combiner

PSC-2-4+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
10.0	3.23	3.23	0.01	39.99	0.02	10.0	1.09	1.18	1.18
20.0	3.24	3.25	0.00	40.83	0.11	20.0	1.09	1.18	1.18
30.0	3.26	3.23	0.03	40.62	0.08	30.0	1.09	1.18	1.18
40.0	3.27	3.24	0.03	40.49	0.06	40.0	1.09	1.18	1.18
50.0	3.28	3.26	0.01	40.33	0.12	50.0	1.09	1.18	1.18
60.0	3.28	3.28	0.00	40.23	0.29	60.0	1.09	1.18	1.18
70.0	3.28	3.29	0.01	40.23	0.09	70.0	1.09	1.17	1.17
80.0	3.27	3.30	0.04	40.21	0.03	80.0	1.09	1.17	1.17
90.0	3.30	3.30	0.00	40.30	0.06	90.0	1.09	1.17	1.17
100.0	3.31	3.29	0.02	40.11	0.06	100.0	1.09	1.17	1.17
120.0	3.32	3.31	0.00	40.25	0.12	120.0	1.10	1.17	1.17
140.0	3.32	3.34	0.02	40.13	0.14	140.0	1.10	1.17	1.17
160.0	3.32	3.33	0.00	40.21	0.04	160.0	1.10	1.17	1.16
180.0	3.32	3.30	0.01	40.01	0.05	180.0	1.10	1.16	1.16
200.0	3.38	3.36	0.02	39.98	0.16	200.0	1.10	1.16	1.16
220.0	3.35	3.36	0.01	39.80	0.40	220.0	1.11	1.16	1.16
240.0	3.36	3.38	0.03	39.63	0.06	240.0	1.11	1.16	1.16
260.0	3.37	3.35	0.01	39.26	0.01	260.0	1.11	1.16	1.16
280.0	3.39	3.35	0.04	39.12	0.17	280.0	1.11	1.16	1.16
300.0	3.43	3.41	0.01	38.90	0.35	300.0	1.11	1.16	1.15
320.0	3.37	3.42	0.05	38.65	0.00	320.0	1.12	1.15	1.15
340.0	3.41	3.41	0.00	38.39	0.01	340.0	1.12	1.15	1.15
360.0	3.41	3.36	0.05	38.02	0.14	360.0	1.12	1.15	1.15
380.0	3.43	3.40	0.03	37.67	0.30	380.0	1.12	1.15	1.15
400.0	3.43	3.44	0.02	37.41	0.15	400.0	1.12	1.15	1.15
420.0	3.43	3.42	0.01	37.09	0.21	420.0	1.12	1.15	1.15
440.0	3.43	3.39	0.04	36.75	0.22	440.0	1.12	1.15	1.16
460.0	3.44	3.45	0.01	36.56	0.44	460.0	1.13	1.15	1.16
480.0	3.48	3.50	0.02	36.36	0.19	480.0	1.13	1.15	1.16
500.0	3.46	3.44	0.02	35.76	0.06	500.0	1.13	1.15	1.16
520.0	3.49	3.46	0.04	35.57	0.45	520.0	1.13	1.16	1.16
540.0	3.47	3.47	0.00	35.23	0.32	540.0	1.13	1.16	1.16
600.0	3.53	3.49	0.04	34.54	0.29	600.0	1.14	1.16	1.17
650.0	3.54	3.55	0.01	33.97	0.22	650.0	1.14	1.17	1.17
700.0	3.56	3.56	0.01	33.48	0.43	700.0	1.15	1.17	1.18
750.0	3.62	3.57	0.05	32.89	0.16	750.0	1.15	1.18	1.19
800.0	3.61	3.64	0.03	32.58	0.35	800.0	1.15	1.19	1.21
850.0	3.69	3.63	0.07	32.02	0.55	850.0	1.16	1.21	1.23
900.0	3.74	3.73	0.01	31.76	0.35	900.0	1.17	1.22	1.25
950.0	3.76	3.73	0.03	31.19	0.31	950.0	1.18	1.24	1.27
1000.0	3.84	3.82	0.02	30.72	0.53	1000.0	1.19	1.27	1.29

¹Total Loss = Insertion Loss + 3dB Splitter Loss

