

2 Way-0° Power Splitter/Combiner

PSC-2-2-75+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2				S	1	2
0.002	3.32	3.31	0.01	12.17	0.002	1.45	2.43	2.43
0.004	3.15	3.15	0.00	15.93	0.004	1.25	1.73	1.73
0.006	3.12	3.11	0.01	18.73	0.006	1.20	1.49	1.49
0.008	3.10	3.10	0.01	20.91	0.008	1.17	1.37	1.37
0.010	3.09	3.08	0.01	22.62	0.010	1.16	1.30	1.29
0.020	3.07	3.07	0.00	28.12	0.020	1.14	1.16	1.17
0.040	3.07	3.07	0.00	33.16	0.040	1.14	1.11	1.11
0.060	3.07	3.07	0.00	35.56	0.060	1.14	1.10	1.09
0.080	3.07	3.07	0.00	36.88	0.080	1.14	1.09	1.09
0.100	3.07	3.07	0.00	37.69	0.100	1.14	1.09	1.09
0.200	3.07	3.07	0.00	39.16	0.200	1.14	1.09	1.09
0.300	3.07	3.07	0.00	39.56	0.300	1.14	1.09	1.09
0.400	3.07	3.07	0.01	39.71	0.400	1.14	1.09	1.09
0.500	3.08	3.07	0.01	39.73	0.500	1.14	1.09	1.09
0.600	3.07	3.07	0.00	39.78	0.600	1.14	1.09	1.09
0.700	3.08	3.07	0.01	39.75	0.700	1.14	1.09	1.09
0.800	3.08	3.07	0.00	39.71	0.800	1.14	1.09	1.09
0.900	3.08	3.07	0.01	39.84	0.900	1.14	1.09	1.09
1.000	3.08	3.07	0.00	39.82	1.000	1.14	1.09	1.09
5.000	3.11	3.10	0.01	39.69	5.000	1.15	1.08	1.08
9.000	3.14	3.13	0.01	39.02	9.000	1.16	1.09	1.09
10.000	3.14	3.14	0.00	38.83	10.000	1.16	1.09	1.09
15.000	3.17	3.16	0.01	37.45	15.000	1.17	1.10	1.10
20.000	3.20	3.19	0.01	36.05	20.000	1.19	1.12	1.12
25.000	3.22	3.21	0.01	34.71	25.000	1.20	1.14	1.14
30.000	3.25	3.24	0.01	33.46	30.000	1.22	1.16	1.16
35.000	3.28	3.26	0.01	32.23	35.000	1.24	1.18	1.18
40.000	3.31	3.29	0.02	31.04	40.000	1.26	1.21	1.21
45.000	3.34	3.32	0.02	29.83	45.000	1.29	1.23	1.23
50.000	3.37	3.34	0.03	28.63	50.000	1.31	1.26	1.26
55.000	3.40	3.37	0.03	27.50	55.000	1.34	1.29	1.29
60.000	3.43	3.40	0.03	26.39	60.000	1.36	1.31	1.31
80.000	3.58	3.53	0.05	22.38	80.000	1.47	1.41	1.41
100.000	3.77	3.70	0.08	19.04	100.000	1.56	1.49	1.49
120.000	4.00	3.89	0.11	16.38	120.000	1.61	1.55	1.55
140.000	4.24	4.09	0.15	14.36	140.000	1.60	1.58	1.58
160.000	4.57	4.37	0.20	13.26	160.000	1.47	1.61	1.61
170.000	4.86	4.64	0.22	13.30	170.000	1.36	1.67	1.67
180.000	5.40	5.14	0.25	14.04	180.000	1.26	1.82	1.82
190.000	6.41	6.12	0.29	15.31	190.000	1.35	2.10	2.10
200.000	8.14	7.80	0.34	14.97	200.000	1.63	2.48	2.48

¹Total Loss = Insertion Loss + 3dB Splitter Loss

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100624
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