

2 Way-0° Power Splitter/Combiner

PSC-2-5+

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
10.0	3.45	3.46	0.01	30.32	0.11	10.0	1.17	1.22	1.22
20.0	3.42	3.44	0.01	33.99	0.15	20.0	1.11	1.21	1.21
30.0	3.44	3.42	0.03	36.20	0.16	30.0	1.09	1.20	1.20
40.0	3.43	3.40	0.03	37.49	0.06	40.0	1.08	1.20	1.19
50.0	3.41	3.40	0.01	38.41	0.00	50.0	1.08	1.19	1.19
60.0	3.40	3.40	0.01	38.99	0.21	60.0	1.08	1.19	1.19
70.0	3.40	3.41	0.00	39.56	0.13	70.0	1.08	1.19	1.19
80.0	3.39	3.39	0.00	39.67	0.01	80.0	1.08	1.19	1.18
90.0	3.39	3.39	0.01	39.87	0.01	90.0	1.08	1.18	1.18
100.0	3.41	3.41	0.01	39.84	0.03	100.0	1.08	1.18	1.18
125.0	3.42	3.40	0.01	39.62	0.28	125.0	1.08	1.18	1.18
150.0	3.41	3.44	0.03	39.30	0.23	150.0	1.09	1.18	1.17
175.0	3.40	3.39	0.01	38.53	0.11	175.0	1.09	1.17	1.17
200.0	3.46	3.42	0.04	37.96	0.25	200.0	1.09	1.17	1.16
225.0	3.45	3.46	0.01	37.31	0.47	225.0	1.09	1.16	1.16
250.0	3.44	3.45	0.01	36.62	0.03	250.0	1.10	1.16	1.15
275.0	3.44	3.40	0.03	35.88	0.23	275.0	1.10	1.16	1.15
300.0	3.50	3.49	0.01	35.37	0.54	300.0	1.10	1.15	1.15
325.0	3.46	3.48	0.02	34.79	0.18	325.0	1.11	1.15	1.14
350.0	3.48	3.47	0.01	34.23	0.21	350.0	1.11	1.15	1.14
375.0	3.51	3.48	0.03	33.76	0.60	375.0	1.11	1.15	1.14
400.0	3.52	3.51	0.02	33.34	0.38	400.0	1.11	1.15	1.14
425.0	3.52	3.51	0.01	32.98	0.44	425.0	1.11	1.14	1.13
450.0	3.52	3.47	0.05	32.55	0.67	450.0	1.12	1.14	1.13
475.0	3.56	3.55	0.01	32.38	0.69	475.0	1.12	1.14	1.13
500.0	3.54	3.53	0.01	32.21	0.37	500.0	1.12	1.14	1.13
525.0	3.55	3.52	0.03	31.92	0.57	525.0	1.12	1.14	1.12
550.0	3.56	3.56	0.00	31.77	0.60	550.0	1.12	1.14	1.12
575.0	3.60	3.57	0.03	31.61	0.43	575.0	1.12	1.14	1.12
600.0	3.60	3.55	0.05	31.60	0.58	600.0	1.12	1.13	1.12
625.0	3.60	3.58	0.02	31.56	0.70	625.0	1.12	1.13	1.12
650.0	3.61	3.59	0.02	31.55	0.66	650.0	1.12	1.13	1.12
675.0	3.65	3.59	0.06	31.53	0.52	675.0	1.12	1.13	1.12
700.0	3.65	3.60	0.05	31.63	0.86	700.0	1.12	1.13	1.12
800.0	3.70	3.67	0.03	32.07	0.90	800.0	1.12	1.14	1.13
900.0	3.77	3.72	0.06	32.95	0.83	900.0	1.13	1.15	1.15
1000.0	3.87	3.79	0.08	34.03	0.78	1000.0	1.12	1.17	1.18
1100.0	3.96	3.89	0.07	34.38	0.89	1100.0	1.12	1.19	1.21
1200.0	4.02	3.95	0.07	32.83	0.56	1200.0	1.11	1.21	1.25
1300.0	4.13	4.02	0.11	29.91	0.70	1300.0	1.10	1.24	1.29
1400.0	4.25	4.11	0.14	26.89	0.75	1400.0	1.09	1.27	1.33

¹Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

PSC-2-5+

100624

Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

