

2 Way-0° Power Splitter/Combiner

SCP-ED12262/1

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	1	2
0.10	3.48	3.45	0.03	20.08	0.31	0.10	1.44	1.91	1.91
0.13	3.40	3.39	0.02	21.51	0.30	0.13	1.35	1.71	1.72
0.15	3.37	3.36	0.01	22.78	0.26	0.15	1.29	1.59	1.59
0.18	3.35	3.35	0.01	23.89	0.26	0.18	1.24	1.51	1.51
0.20	3.33	3.33	0.00	24.86	0.20	0.20	1.21	1.45	1.45
0.23	3.33	3.34	0.00	25.71	0.15	0.23	1.19	1.40	1.40
0.25	3.33	3.33	0.00	26.46	0.16	0.25	1.17	1.37	1.37
0.28	3.33	3.33	0.00	27.11	0.16	0.28	1.16	1.34	1.34
0.30	3.32	3.32	0.00	27.69	0.14	0.30	1.15	1.32	1.32
0.50	3.31	3.31	0.00	30.75	0.08	0.50	1.10	1.24	1.24
0.75	3.28	3.29	0.00	32.58	0.04	0.75	1.09	1.21	1.21
1.00	3.27	3.28	0.00	33.38	0.01	1.00	1.08	1.19	1.19
5.00	3.17	3.17	0.01	33.09	0.01	5.00	1.09	1.11	1.11
10.00	3.16	3.16	0.01	32.85	0.05	10.00	1.10	1.10	1.10
20.00	3.16	3.16	0.00	32.80	0.00	20.00	1.10	1.09	1.09
40.00	3.19	3.19	0.00	32.48	0.06	40.00	1.10	1.09	1.09
60.00	3.20	3.21	0.00	31.92	0.10	60.00	1.10	1.09	1.09
80.00	3.22	3.23	0.01	31.23	0.13	80.00	1.09	1.08	1.08
100.00	3.23	3.23	0.00	30.52	0.16	100.00	1.09	1.08	1.09
120.00	3.25	3.24	0.01	29.84	0.17	120.00	1.08	1.09	1.09
140.00	3.25	3.25	0.00	29.29	0.18	140.00	1.08	1.09	1.09
160.00	3.27	3.26	0.01	28.77	0.23	160.00	1.07	1.10	1.10
180.00	3.29	3.28	0.01	28.35	0.25	180.00	1.07	1.11	1.11
200.00	3.30	3.29	0.01	28.02	0.26	200.00	1.07	1.13	1.13
220.00	3.31	3.29	0.01	27.79	0.32	220.00	1.07	1.14	1.14
240.00	3.33	3.32	0.01	27.66	0.32	240.00	1.08	1.17	1.16
260.00	3.36	3.34	0.02	27.64	0.36	260.00	1.10	1.19	1.19
280.00	3.38	3.36	0.02	27.65	0.32	280.00	1.11	1.21	1.21
300.00	3.39	3.37	0.01	27.77	0.35	300.00	1.13	1.23	1.23
320.00	3.40	3.39	0.01	27.88	0.42	320.00	1.15	1.26	1.25
340.00	3.43	3.42	0.01	28.00	0.40	340.00	1.18	1.28	1.28
360.00	3.48	3.46	0.02	27.98	0.40	360.00	1.20	1.31	1.31
380.00	3.51	3.49	0.02	27.66	0.41	380.00	1.23	1.34	1.33
400.00	3.52	3.50	0.02	26.95	0.43	400.00	1.26	1.36	1.35
500.00	3.75	3.74	0.01	19.82	0.35	500.00	1.44	1.44	1.43

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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