

2 Way-0° Power Splitter/Combiner

SP-ED12593/5

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
500.0	3.64	3.65	0.01	3.87	0.21	500.0	1.91	1.90	1.89
750.0	3.65	3.65	0.01	4.07	0.30	750.0	1.89	1.88	1.88
1000.0	3.65	3.64	0.01	4.34	0.51	1000.0	1.86	1.86	1.85
1375.0	3.64	3.62	0.03	4.92	0.61	1375.0	1.80	1.81	1.79
1500.0	3.63	3.61	0.03	5.18	0.61	1500.0	1.77	1.79	1.77
1750.0	3.61	3.58	0.03	5.82	0.55	1750.0	1.71	1.73	1.70
1875.0	3.60	3.56	0.04	6.22	0.57	1875.0	1.68	1.69	1.66
2000.0	3.60	3.54	0.06	6.68	0.56	2000.0	1.65	1.64	1.61
2250.0	3.57	3.50	0.07	7.87	0.49	2250.0	1.57	1.55	1.51
2375.0	3.55	3.48	0.07	8.64	0.45	2375.0	1.53	1.50	1.45
2500.0	3.53	3.46	0.07	9.54	0.41	2500.0	1.48	1.44	1.40
2750.0	3.48	3.44	0.05	11.91	0.44	2750.0	1.37	1.32	1.29
2875.0	3.46	3.43	0.04	13.44	0.44	2875.0	1.31	1.26	1.24
3000.0	3.44	3.42	0.02	15.34	0.48	3000.0	1.26	1.20	1.19
3250.0	3.42	3.42	0.01	21.00	0.58	3250.0	1.16	1.09	1.10
3350.0	3.42	3.43	0.01	24.67	0.64	3350.0	1.13	1.05	1.07
3400.0	3.43	3.43	0.01	26.93	0.65	3400.0	1.12	1.03	1.06
3450.0	3.43	3.44	0.01	29.13	0.69	3450.0	1.12	1.02	1.06
3500.0	3.44	3.45	0.01	30.22	0.73	3500.0	1.13	1.03	1.06
3525.0	3.45	3.46	0.01	29.83	0.76	3525.0	1.14	1.04	1.07
3550.0	3.45	3.46	0.01	28.97	0.78	3550.0	1.15	1.05	1.07
3600.0	3.46	3.47	0.01	26.74	0.83	3600.0	1.17	1.07	1.09
3650.0	3.48	3.49	0.01	24.51	0.86	3650.0	1.20	1.10	1.10
3700.0	3.50	3.51	0.01	22.63	0.91	3700.0	1.23	1.12	1.12
3725.0	3.51	3.52	0.01	21.78	0.92	3725.0	1.24	1.13	1.13
3750.0	3.52	3.53	0.01	21.00	0.95	3750.0	1.26	1.15	1.14
3775.0	3.53	3.54	0.01	20.29	0.98	3775.0	1.28	1.16	1.15
3800.0	3.54	3.55	0.01	19.64	1.01	3800.0	1.30	1.17	1.16
3825.0	3.56	3.57	0.01	19.02	1.02	3825.0	1.33	1.19	1.17
3850.0	3.57	3.58	0.01	18.43	1.05	3850.0	1.35	1.20	1.18
3900.0	3.61	3.61	0.01	17.37	1.08	3900.0	1.40	1.23	1.20
3950.0	3.65	3.65	0.01	16.40	1.12	3950.0	1.45	1.26	1.23
4000.0	3.69	3.69	0.01	15.55	1.18	4000.0	1.51	1.29	1.25
4050.0	3.74	3.74	0.01	14.77	1.21	4050.0	1.57	1.32	1.28
4100.0	3.79	3.79	0.01	14.05	1.24	4100.0	1.64	1.35	1.31
4150.0	3.85	3.85	0.01	13.40	1.30	4150.0	1.71	1.38	1.33
4200.0	3.92	3.91	0.01	12.80	1.32	4200.0	1.79	1.42	1.37
4250.0	4.00	3.98	0.02	12.23	1.34	4250.0	1.88	1.46	1.40
4300.0	4.08	4.06	0.02	11.68	1.38	4300.0	1.97	1.49	1.43
4350.0	4.18	4.15	0.02	11.17	1.40	4350.0	2.07	1.53	1.47
4400.0	4.28	4.24	0.03	10.70	1.42	4400.0	2.17	1.57	1.50
4450.0	4.39	4.34	0.04	10.24	1.43	4450.0	2.29	1.60	1.53
4500.0	4.51	4.46	0.05	9.81	1.42	4500.0	2.41	1.64	1.58
4550.0	4.64	4.59	0.05	9.39	1.44	4550.0	2.55	1.68	1.61
4600.0	4.78	4.72	0.06	9.00	1.43	4600.0	2.70	1.72	1.65
4650.0	4.94	4.88	0.06	8.62	1.45	4650.0	2.87	1.76	1.69
4700.0	5.11	5.04	0.07	8.25	1.42	4700.0	3.05	1.80	1.73
4750.0	5.29	5.22	0.07	7.91	1.39	4750.0	3.26	1.85	1.78
4800.0	5.49	5.41	0.08	7.57	1.40	4800.0	3.47	1.89	1.82
4850.0	5.70	5.62	0.08	7.25	1.37	4850.0	3.72	1.93	1.87
4900.0	5.93	5.85	0.08	6.95	1.34	4900.0	3.98	1.97	1.91
4950.0	6.17	6.09	0.08	6.65	1.36	4950.0	4.29	2.01	1.96
5000.0	6.43	6.35	0.08	6.37	1.36	5000.0	4.62	2.05	2.00

¹Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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