

2 Way-0° Power Splitter/Combiner

JPS-ED12971/1

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
200.0	3.63	3.62	0.02	14.52	0.54	200.0	1.95	1.36	1.36
250.0	3.65	3.62	0.03	14.58	0.66	250.0	1.95	1.37	1.37
300.0	3.67	3.63	0.03	14.65	0.82	300.0	1.95	1.37	1.37
350.0	3.69	3.64	0.05	14.73	0.96	350.0	1.96	1.38	1.38
400.0	3.70	3.64	0.06	14.81	1.09	400.0	1.95	1.39	1.38
450.0	3.73	3.65	0.07	14.87	1.23	450.0	1.96	1.39	1.39
500.0	3.75	3.66	0.09	14.95	1.36	500.0	1.96	1.39	1.39
550.0	3.77	3.67	0.10	15.06	1.50	550.0	1.97	1.39	1.39
600.0	3.79	3.66	0.12	15.08	1.65	600.0	1.97	1.40	1.40
650.0	3.80	3.66	0.14	15.12	1.80	650.0	1.96	1.41	1.41
700.0	3.81	3.66	0.16	15.19	1.93	700.0	1.96	1.41	1.42
750.0	3.83	3.66	0.17	15.29	2.09	750.0	1.96	1.41	1.42
800.0	3.85	3.66	0.19	15.37	2.25	800.0	1.96	1.42	1.43
850.0	3.87	3.67	0.20	15.49	2.38	850.0	1.95	1.42	1.44
900.0	3.89	3.67	0.22	15.59	2.58	900.0	1.96	1.43	1.45
950.0	3.90	3.67	0.23	15.70	2.71	950.0	1.95	1.43	1.46
1000.0	3.92	3.68	0.24	15.81	2.90	1000.0	1.95	1.44	1.47
1100.0	3.95	3.70	0.26	16.05	3.20	1100.0	1.94	1.44	1.49
1200.0	3.99	3.72	0.28	16.30	3.49	1200.0	1.94	1.45	1.52
1300.0	4.04	3.74	0.29	16.54	3.80	1300.0	1.93	1.46	1.54
1400.0	4.08	3.77	0.31	16.77	4.04	1400.0	1.93	1.47	1.57
1500.0	4.12	3.80	0.32	16.99	4.23	1500.0	1.93	1.47	1.59
1600.0	4.17	3.84	0.33	17.16	4.43	1600.0	1.93	1.48	1.62
1700.0	4.21	3.86	0.34	17.31	4.55	1700.0	1.92	1.48	1.64
1800.0	4.24	3.89	0.35	17.43	4.61	1800.0	1.91	1.48	1.66
1900.0	4.28	3.91	0.36	17.53	4.55	1900.0	1.90	1.48	1.68
2000.0	4.31	3.94	0.38	17.63	4.41	2000.0	1.88	1.48	1.70
2100.0	4.33	3.95	0.38	17.66	4.22	2100.0	1.85	1.47	1.71
2200.0	4.35	3.97	0.38	17.68	3.86	2200.0	1.82	1.46	1.72
2300.0	4.37	4.00	0.37	17.69	3.39	2300.0	1.79	1.45	1.74
2400.0	4.38	4.03	0.35	17.70	2.78	2400.0	1.76	1.43	1.75
2500.0	4.40	4.07	0.33	17.70	2.05	2500.0	1.73	1.40	1.77
2600.0	4.43	4.15	0.28	17.64	0.96	2600.0	1.70	1.37	1.76
2700.0	4.50	4.16	0.34	17.45	0.16	2700.0	1.66	1.34	1.76
2750.0	4.52	4.18	0.34	17.25	0.51	2750.0	1.65	1.32	1.75
2800.0	4.51	4.21	0.30	17.06	1.08	2800.0	1.64	1.30	1.76
2900.0	4.58	4.29	0.29	16.64	2.47	2900.0	1.63	1.27	1.75
3000.0	4.69	4.38	0.31	16.08	3.97	3000.0	1.63	1.25	1.74
3020.0	4.72	4.41	0.31	15.94	4.31	3020.0	1.63	1.25	1.74
3040.0	4.75	4.43	0.32	15.80	4.65	3040.0	1.63	1.25	1.74
3060.0	4.78	4.45	0.33	15.66	4.98	3060.0	1.63	1.24	1.75
3080.0	4.82	4.47	0.34	15.51	5.25	3080.0	1.65	1.25	1.74
3100.0	4.85	4.50	0.35	15.36	5.54	3100.0	1.66	1.25	1.73
3120.0	4.87	4.53	0.34	15.19	5.87	3120.0	1.67	1.26	1.73
3140.0	4.91	4.56	0.35	15.01	6.23	3140.0	1.67	1.26	1.73
3160.0	4.94	4.59	0.35	14.85	6.68	3160.0	1.69	1.26	1.74
3180.0	4.98	4.62	0.37	14.68	7.05	3180.0	1.70	1.27	1.73
3200.0	5.03	4.65	0.37	14.51	7.41	3200.0	1.72	1.28	1.72
3220.0	5.07	4.69	0.38	14.34	7.74	3220.0	1.74	1.28	1.71
3240.0	5.11	4.72	0.38	14.15	8.08	3240.0	1.75	1.29	1.72
3260.0	5.14	4.76	0.38	13.97	8.48	3260.0	1.78	1.30	1.73
3280.0	5.19	4.80	0.39	13.78	8.96	3280.0	1.81	1.31	1.73
3300.0	5.25	4.85	0.40	13.59	9.43	3300.0	1.84	1.32	1.72
3320.0	5.31	4.90	0.41	13.40	9.85	3320.0	1.87	1.33	1.71
3340.0	5.35	4.94	0.41	13.19	10.25	3340.0	1.90	1.34	1.71
3360.0	5.41	5.00	0.41	12.99	10.79	3360.0	1.94	1.35	1.72
3380.0	5.48	5.06	0.43	12.80	11.28	3380.0	1.99	1.37	1.72
3400.0	5.56	5.12	0.44	12.60	11.87	3400.0	2.03	1.39	1.71
3420.0	5.65	5.19	0.46	12.39	12.42	3420.0	2.06	1.41	1.71
3440.0	5.73	5.25	0.48	12.19	12.84	3440.0	2.10	1.42	1.71
3460.0	5.80	5.31	0.49	12.00	13.31	3460.0	2.16	1.44	1.71
3480.0	5.88	5.38	0.50	11.81	13.81	3480.0	2.22	1.46	1.72
3500.0	5.97	5.46	0.51	11.62	14.39	3500.0	2.29	1.48	1.72

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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