

2 Way-0° Power Splitter/Combiner

JPS-ED9624/1

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
0.9	3.95	3.95	0.00	24.06	0.05	0.9	1.27	1.67	1.66
1.3	3.84	3.84	0.01	24.65	0.04	1.3	1.22	1.53	1.53
1.7	3.76	3.77	0.00	24.95	0.00	1.7	1.19	1.46	1.46
2.1	3.70	3.71	0.01	25.10	0.06	2.1	1.18	1.40	1.40
2.6	3.66	3.66	0.00	25.19	0.05	2.6	1.17	1.37	1.37
3.0	3.62	3.63	0.01	25.19	0.04	3.0	1.16	1.34	1.34
3.4	3.59	3.60	0.01	25.23	0.02	3.4	1.16	1.31	1.32
3.8	3.57	3.55	0.02	25.23	0.09	3.8	1.16	1.29	1.30
4.2	3.55	3.54	0.01	25.24	0.00	4.2	1.16	1.28	1.28
4.6	3.51	3.53	0.02	25.21	0.01	4.6	1.15	1.27	1.27
5.0	3.50	3.51	0.00	25.18	0.10	5.0	1.15	1.26	1.26
58.2	3.45	3.45	0.00	25.78	0.06	58.2	1.16	1.17	1.17
64.6	3.43	3.41	0.01	25.20	0.37	64.6	1.15	1.15	1.15
111.4	3.47	3.46	0.01	25.66	0.27	111.4	1.16	1.16	1.16
217.9	3.45	3.43	0.01	24.73	0.46	217.9	1.14	1.13	1.14
271.1	3.63	3.60	0.03	24.13	0.54	271.1	1.13	1.12	1.13
324.3	3.55	3.54	0.02	23.54	0.62	324.3	1.12	1.11	1.12
377.5	3.57	3.54	0.03	23.04	0.72	377.5	1.10	1.11	1.12
430.7	3.60	3.54	0.06	22.57	0.66	430.7	1.09	1.14	1.13
483.9	3.66	3.59	0.07	22.11	0.84	483.9	1.08	1.15	1.13
537.1	3.78	3.67	0.11	21.84	0.82	537.1	1.07	1.19	1.16
590.4	3.75	3.62	0.13	21.55	0.84	590.4	1.07	1.21	1.18
643.6	3.81	3.66	0.15	21.40	0.79	643.6	1.08	1.24	1.20
696.8	4.02	3.83	0.19	21.33	0.90	696.8	1.09	1.26	1.23
750.0	3.88	3.66	0.22	21.06	0.65	750.0	1.11	1.27	1.24
777.5	4.15	3.91	0.25	21.00	0.75	777.5	1.12	1.28	1.25
805.0	4.02	3.77	0.25	20.66	0.65	805.0	1.13	1.29	1.27
832.5	4.17	3.88	0.29	20.41	0.72	832.5	1.14	1.30	1.27
860.0	4.07	3.77	0.30	20.08	0.68	860.0	1.15	1.30	1.27
895.0	4.24	3.92	0.32	19.31	0.64	895.0	1.18	1.32	1.28
930.0	4.35	4.01	0.34	18.51	0.63	930.0	1.22	1.33	1.29
965.0	4.51	4.13	0.39	17.42	0.58	965.0	1.28	1.34	1.30
1000.0	4.63	4.23	0.40	16.37	0.56	1000.0	1.35	1.37	1.32
1025.0	4.79	4.40	0.39	15.42	0.50	1025.0	1.42	1.41	1.34
1050.0	5.00	4.59	0.41	14.63	0.27	1050.0	1.50	1.43	1.36
1075.0	5.17	4.71	0.46	13.85	0.43	1075.0	1.60	1.46	1.38
1100.0	5.18	4.75	0.43	12.87	0.58	1100.0	1.72	1.50	1.41

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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