

2 Way-0° Power Splitter/Combiner

JYPS-ED9653/2

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
0.5	6.05	6.05	0.00	14.08	0.05	0.5	1.56	1.53	1.52
0.6	6.05	6.04	0.01	14.66	0.05	0.6	1.51	1.49	1.48
0.7	6.04	6.04	0.01	15.11	0.02	0.7	1.48	1.46	1.46
0.8	6.04	6.03	0.01	15.49	0.00	0.8	1.45	1.43	1.43
0.9	6.05	6.04	0.01	15.83	0.04	0.9	1.43	1.42	1.41
1.0	6.05	6.04	0.01	16.13	0.01	1.0	1.41	1.40	1.40
2.0	6.05	6.04	0.01	18.53	0.05	2.0	1.30	1.29	1.29
3.0	6.05	6.03	0.01	20.17	0.02	3.0	1.24	1.24	1.24
4.0	6.04	6.03	0.01	21.28	0.05	4.0	1.21	1.21	1.21
5.0	6.05	6.05	0.00	22.03	0.05	5.0	1.20	1.20	1.19
14.0	6.05	6.05	0.00	23.47	0.01	14.0	1.17	1.17	1.17
23.0	6.06	6.06	0.00	23.33	0.03	23.0	1.17	1.17	1.17
32.0	6.07	6.06	0.01	23.13	0.00	32.0	1.17	1.17	1.17
41.0	6.07	6.07	0.00	23.00	0.02	41.0	1.17	1.17	1.17
50.0	6.07	6.06	0.01	22.88	0.05	50.0	1.17	1.17	1.17
190.0	6.13	6.11	0.02	22.56	0.17	190.0	1.17	1.17	1.17
330.0	6.20	6.16	0.03	22.59	0.25	330.0	1.18	1.16	1.16
470.0	6.22	6.18	0.04	22.55	0.29	470.0	1.19	1.15	1.16
610.0	6.26	6.19	0.08	22.15	0.29	610.0	1.18	1.14	1.14
750.0	6.29	6.20	0.10	20.98	0.25	750.0	1.16	1.12	1.12
800.0	6.33	6.22	0.11	20.42	0.32	800.0	1.15	1.12	1.11
850.0	6.35	6.21	0.14	19.74	0.32	850.0	1.13	1.11	1.10
900.0	6.39	6.24	0.15	19.07	0.23	900.0	1.12	1.10	1.09
950.0	6.42	6.27	0.15	18.38	0.25	950.0	1.11	1.09	1.09
1000.0	6.47	6.31	0.16	17.72	0.16	1000.0	1.09	1.09	1.08
1250.0	6.67	6.42	0.25	14.99	0.12	1250.0	1.05	1.09	1.09
1500.0	6.91	6.58	0.33	13.71	0.23	1500.0	1.23	1.19	1.19
1530.0	6.91	6.57	0.34	13.62	0.22	1530.0	1.24	1.19	1.19
1560.0	6.93	6.58	0.35	13.57	0.26	1560.0	1.26	1.20	1.20
1590.0	6.96	6.60	0.36	13.55	0.32	1590.0	1.28	1.21	1.21
1620.0	6.94	6.57	0.37	13.49	0.41	1620.0	1.29	1.22	1.21
1650.0	6.96	6.59	0.38	13.48	0.41	1650.0	1.31	1.22	1.21
1680.0	6.99	6.59	0.40	13.50	0.48	1680.0	1.32	1.23	1.22
1710.0	6.95	6.56	0.39	13.45	0.57	1710.0	1.33	1.24	1.22
1740.0	6.95	6.55	0.41	13.42	0.60	1740.0	1.34	1.24	1.22
1770.0	6.98	6.57	0.41	13.45	0.63	1770.0	1.35	1.25	1.22
1800.0	6.94	6.53	0.41	13.40	0.75	1800.0	1.36	1.25	1.23
1875.0	6.93	6.50	0.43	13.29	0.92	1875.0	1.39	1.27	1.24
1950.0	6.88	6.44	0.45	13.03	1.11	1950.0	1.41	1.29	1.25
2025.0	6.83	6.37	0.46	12.63	1.33	2025.0	1.42	1.31	1.26
2100.0	6.80	6.33	0.46	12.11	1.61	2100.0	1.43	1.33	1.28

¹Total Loss = Insertion Loss + 3dB Splitter Loss

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