

2 Way-0° Power Splitter/Combiner

JPS-ED8024/1

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
30.0	3.49	3.65	0.16	18.91	0.25	30.0	2.02	1.59	1.59
50.0	3.48	3.62	0.14	18.82	0.31	50.0	2.02	1.58	1.59
70.0	3.52	3.64	0.12	18.76	0.37	70.0	2.03	1.58	1.59
90.0	3.52	3.63	0.11	18.75	0.48	90.0	2.04	1.58	1.59
100.0	3.52	3.61	0.10	18.73	0.50	100.0	2.04	1.59	1.59
125.0	3.53	3.60	0.07	18.67	0.38	125.0	2.02	1.59	1.59
150.0	3.54	3.58	0.04	18.63	0.37	150.0	2.02	1.59	1.59
175.0	3.57	3.60	0.03	18.60	0.29	175.0	2.04	1.59	1.59
200.0	3.56	3.58	0.03	18.59	0.12	200.0	2.05	1.59	1.60
220.0	3.58	3.59	0.01	18.52	0.13	220.0	2.03	1.60	1.60
240.0	3.58	3.58	0.00	18.48	0.01	240.0	2.02	1.60	1.60
260.0	3.58	3.58	0.01	18.47	0.04	260.0	2.04	1.60	1.60
280.0	3.60	3.59	0.01	18.45	0.15	280.0	2.06	1.60	1.60
300.0	3.61	3.60	0.01	18.41	0.16	300.0	2.07	1.60	1.60
350.0	3.61	3.59	0.02	18.27	0.37	350.0	2.05	1.60	1.61
400.0	3.65	3.63	0.03	18.14	0.51	400.0	2.07	1.61	1.62
450.0	3.64	3.61	0.04	17.99	0.70	450.0	2.08	1.61	1.62
500.0	3.68	3.65	0.03	17.79	0.78	500.0	2.09	1.62	1.63
550.0	3.70	3.66	0.04	17.60	0.99	550.0	2.12	1.62	1.64
600.0	3.70	3.66	0.04	17.36	1.12	600.0	2.12	1.62	1.64
650.0	3.74	3.70	0.04	17.16	1.23	650.0	2.17	1.62	1.64
700.0	3.75	3.71	0.05	16.88	1.38	700.0	2.17	1.63	1.65
750.0	3.78	3.74	0.04	16.67	1.47	750.0	2.22	1.63	1.65
800.0	3.82	3.76	0.06	16.38	1.53	800.0	2.21	1.64	1.66
850.0	3.83	3.77	0.06	16.16	1.71	850.0	2.25	1.64	1.67
900.0	3.87	3.80	0.07	15.87	1.75	900.0	2.26	1.65	1.68
950.0	3.91	3.83	0.08	15.64	1.91	950.0	2.30	1.66	1.69
1000.0	3.92	3.83	0.09	15.33	2.05	1000.0	2.31	1.67	1.70

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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