

2 Way-0° Power Splitter/Combiner

JPS-ED8013/1

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
0.7	3.26	3.27	0.01	24.12	0.05	0.7	1.08	1.32	1.28
0.9	3.23	3.25	0.02	25.52	0.01	0.9	1.07	1.28	1.25
1.0	3.23	3.23	0.01	26.10	0.00	1.0	1.06	1.26	1.23
2.0	3.16	3.18	0.02	30.60	0.03	2.0	1.04	1.18	1.15
3.0	3.15	3.16	0.01	33.38	0.04	3.0	1.03	1.15	1.12
4.0	3.13	3.15	0.02	35.18	0.03	4.0	1.02	1.13	1.10
5.0	3.14	3.15	0.01	36.69	0.04	5.0	1.02	1.12	1.09
14.0	3.14	3.14	0.00	41.35	0.03	14.0	1.01	1.10	1.07
23.0	3.14	3.16	0.02	42.03	0.06	23.0	1.01	1.10	1.07
32.0	3.15	3.16	0.01	41.88	0.08	32.0	1.01	1.11	1.07
41.0	3.15	3.16	0.01	41.39	0.01	41.0	1.01	1.11	1.07
50.0	3.16	3.17	0.01	40.78	0.01	50.0	1.02	1.11	1.07
90.0	3.16	3.17	0.01	37.71	0.06	90.0	1.02	1.11	1.08
130.0	3.19	3.20	0.01	35.12	0.08	130.0	1.03	1.11	1.08
170.0	3.20	3.21	0.01	32.99	0.18	170.0	1.04	1.12	1.08
210.0	3.20	3.22	0.02	31.13	0.07	210.0	1.05	1.13	1.09
250.0	3.23	3.23	0.01	29.52	0.21	250.0	1.06	1.14	1.09
300.0	3.24	3.24	0.01	27.74	0.20	300.0	1.07	1.15	1.10
350.0	3.27	3.28	0.01	26.17	0.20	350.0	1.08	1.16	1.11
400.0	3.29	3.29	0.00	24.72	0.19	400.0	1.09	1.17	1.12
450.0	3.32	3.32	0.00	23.46	0.12	450.0	1.10	1.18	1.14
500.0	3.35	3.35	0.00	22.28	0.17	500.0	1.11	1.19	1.15
590.0	3.43	3.41	0.02	20.42	0.11	590.0	1.12	1.19	1.16
680.0	3.49	3.46	0.03	18.82	0.00	680.0	1.14	1.19	1.17
770.0	3.55	3.53	0.02	17.42	0.14	770.0	1.17	1.19	1.18

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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