4 Way-0° Power Splitter/Combiner JPS-ED7721/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS[1] (dB)				AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)
	S-1	S-2	S-3	S-4		1-2	2-3	3-4	
1.0	7.15	6.78	6.77	7.22	0.44	49.05	22.17	48.85	2.20
1.9	6.98	6.65	6.66	7.03	0.37	53.86	26.11	53.68	1.59
2.8	6.86	6.56	6.57	6.91	0.34	56.73	28.45	55.94	1.35
3.7	6.76	6.51	6.51	6.82	0.31	57.12	29.81	55.86	1.28
4.6	6.70	6.46	6.46	6.74	0.28	56.09	30.62	54.77	1.11
5.5	6.65	6.45	6.44	6.70	0.26	54.59	31.13	53.22	1.06
6.4	6.61	6.41	6.40	6.66	0.25	53.44	31.49	52.13	0.97
7.3	6.58	6.40	6.39	6.63	0.24	52.28	31.73	51.10	0.86
8.2	6.56	6.39	6.39	6.62	0.23	51.20	31.91	50.05	0.78
9.1	6.56	6.38	6.38	6.60	0.23	50.44	32.06	49.30	0.80
10.0	6.53	6.37	6.37	6.59	0.22	49.61	32.16	48.45	0.71
45.0	6.53	6.39	6.40	6.58	0.19	37.72	31.36	36.61	0.31
80.0	6.58	6.43	6.45	6.63	0.20	33.22	29.98	32.11	0.41
90.0	6.58	6.45	6.46	6.65	0.20	32.28	29.57	31.20	0.50
130.0	6.64	6.49	6.54	6.71	0.22	29.48	28.13	28.39	0.71
170.0	6.68	6.54	6.62	6.78	0.23	27.52	26.99	26.48	0.80
210.0	6.72	6.60	6.70	6.84	0.24	26.10	26.17	25.09	0.97
250.0	6.78	6.65	6.79	6.92	0.27	25.08	25.64	24.14	1.21
270.0	6.79	6.68	6.85	6.97	0.28	24.70	25.50	23.80	1.27
290.0	6.82	6.70	6.90	7.00	0.29	24.38	25.42	23.55	1.30
310.0	6.84	6.72	6.94	7.02	0.31	24.14	25.40	23.37	1.47
330.0	6.89	6.74	7.00	7.06	0.32	23.99	25.43	23.30	1.82
350.0	6.91	6.78	7.05	7.11	0.33	23.94	25.51	23.33	2.16
370.0	6.92	6.82	7.12	7.16	0.34	23.96	25.60	23.47	2.31
390.0	6.97	6.84	7.17	7.20	0.36	24.08	25.63	23.73	2.49
410.0	7.03	6.87	7.23	7.24	0.37	24.33	25.57	24.14	2.88
430.0	7.07	6.91	7.31	7.30	0.40	24.71	25.35	24.75	3.52
450.0	7.12	6.99	7.40	7.37	0.41	25.31	24.95	25.64	3.89
468.2	7.19	7.03	7.48	7.43	0.45	26.02	24.33	26.70	4.11
486.4	7.28	7.09	7.54	7.49	0.45	26.97	23.54	28.18	4.50
504.6	7.40	7.17	7.65	7.59	0.48	28.29	22.63	30.35	5.31
522.7	7.50	7.30	7.79	7.72	0.48	30.15	21.69	33.67	6.30
540.9	7.58	7.44	7.94	7.84	0.50	32.76	20.68	39.47	6.41

FREQ. (MHz)	VSWR (:1)				
	S	1	2	3	4
1.0	1.32	1.56	1.49	1.49	1.54
1.9	1.25	1.38	1.33	1.33	1.37
2.8	1.21	1.31	1.26	1.26	1.29
3.7	1.18	1.26	1.22	1.22	1.25
4.6	1.16	1.23	1.20	1.20	1.22
5.5	1.15	1.21	1.18	1.18	1.20
6.4	1.14	1.19	1.17	1.17	1.18
7.3	1.13	1.18	1.16	1.16	1.17
8.2	1.12	1.17	1.15	1.15	1.16
9.1	1.12	1.16	1.14	1.14	1.15
10.0	1.11	1.16	1.14	1.14	1.15
45.0	1.09	1.12	1.10	1.10	1.10
80.0	1.12	1.11	1.09	1.09	1.10
90.0	1.13	1.11	1.09	1.09	1.09
130.0	1.17	1.10	1.07	1.08	1.08
170.0	1.20	1.08	1.06	1.06	1.07
210.0	1.23	1.07	1.04	1.04	1.05
250.0	1.26	1.06	1.03	1.03	1.04
270.0	1.27	1.05	1.04	1.03	1.04
290.0	1.28	1.05	1.05	1.04	1.04
310.0	1.29	1.05	1.07	1.06	1.05
330.0	1.30	1.06	1.09	1.07	1.06
350.0	1.31	1.07	1.11	1.09	1.07
370.0	1.32	1.09	1.13	1.11	1.09
390.0	1.34	1.10	1.15	1.14	1.11
410.0	1.35	1.12	1.17	1.16	1.13
430.0	1.38	1.14	1.20	1.19	1.15
450.0	1.41	1.17	1.23	1.22	1.18
468.2	1.45	1.19	1.25	1.25	1.20
486.4	1.50	1.22	1.28	1.28	1.22
504.6	1.56	1.24	1.30	1.31	1.25
522.7	1.64	1.27	1.33	1.34	1.28
540.9	1.73	1.29	1.35	1.37	1.30

[1] Total Loss = Insertion Loss + 6dB Splitter Loss

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