

4 Way-0° Power Splitter/Combiner

ZN4PD-K44+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)				AMP UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (Deg)	FREQ. (MHz)	VSWR (:1)				
	S1	S2	S3	S4		1-2	2-3	3-4			S	1	2	3	4
10000	6.67	6.68	6.72	6.70	0.04	22.79	31.42	21.76	1.50	10000	1.05	1.12	1.12	1.12	1.10
10500	6.71	6.72	6.72	6.71	0.01	26.48	30.43	25.00	1.56	10500	1.03	1.24	1.25	1.23	1.22
11000	6.77	6.78	6.80	6.79	0.03	41.61	29.67	38.77	1.43	11000	1.14	1.29	1.30	1.30	1.30
11500	6.79	6.80	6.84	6.83	0.05	26.44	28.61	24.84	1.72	11500	1.22	1.17	1.17	1.19	1.19
12000	6.81	6.81	6.81	6.80	0.01	28.83	27.76	26.19	1.80	12000	1.08	1.18	1.18	1.15	1.15
12500	6.82	6.82	6.84	6.83	0.03	35.29	27.40	44.37	1.62	12500	1.13	1.24	1.24	1.25	1.24
13000	6.83	6.82	6.87	6.85	0.04	25.58	27.69	26.19	1.99	13000	1.13	1.08	1.08	1.12	1.11
13500	6.85	6.85	6.85	6.83	0.02	25.17	29.16	24.20	1.93	13500	1.06	1.17	1.18	1.13	1.13
14000	6.84	6.84	6.89	6.87	0.05	38.65	32.06	32.94	1.82	14000	1.12	1.20	1.19	1.22	1.20
14500	6.88	6.87	6.92	6.91	0.05	26.44	35.79	26.72	2.19	14500	1.12	1.08	1.06	1.13	1.13
15000	6.93	6.91	6.94	6.93	0.04	23.71	35.30	22.60	2.02	15000	1.14	1.06	1.05	1.10	1.09
15500	6.91	6.89	6.97	6.96	0.08	30.58	31.88	26.92	2.18	15500	1.02	1.11	1.10	1.15	1.16
16000	6.95	6.93	6.98	6.97	0.05	34.26	29.86	31.53	2.55	16000	1.09	1.13	1.13	1.15	1.15
16500	6.96	6.95	6.96	6.95	0.02	31.48	29.27	31.36	2.33	16500	1.04	1.10	1.11	1.10	1.10
17000	7.00	6.98	7.03	7.02	0.05	29.26	29.77	29.61	2.41	17000	1.14	1.08	1.10	1.07	1.06
17500	7.01	6.99	7.01	7.00	0.02	32.88	31.04	30.87	2.53	17500	1.10	1.16	1.18	1.13	1.11
18000	7.03	7.01	7.05	7.04	0.04	30.80	32.05	33.44	2.32	18000	1.08	1.18	1.20	1.16	1.13
18500	7.04	7.03	7.10	7.07	0.07	25.15	31.90	25.94	2.70	18500	1.11	1.11	1.12	1.09	1.08
19000	7.08	7.06	7.09	7.07	0.03	29.02	31.43	29.08	2.64	19000	1.04	1.21	1.22	1.17	1.15
19500	7.11	7.10	7.18	7.16	0.08	39.32	31.41	40.60	2.59	19500	1.13	1.27	1.28	1.28	1.27
20000	7.10	7.08	7.16	7.14	0.07	25.64	32.48	25.37	3.08	20000	1.06	1.13	1.13	1.16	1.18
21000	7.19	7.16	7.25	7.25	0.08	29.29	42.84	27.75	2.74	21000	1.27	1.26	1.25	1.30	1.34
22000	7.24	7.22	7.25	7.25	0.04	24.81	35.65	24.28	3.04	22000	1.25	1.13	1.13	1.12	1.15
23000	7.21	7.19	7.28	7.26	0.09	40.34	30.12	40.10	3.57	23000	1.13	1.04	1.02	1.07	1.10
24000	7.24	7.22	7.34	7.32	0.12	24.68	30.91	24.54	3.39	24000	1.18	1.04	1.06	1.04	1.07
25000	7.32	7.30	7.35	7.33	0.05	30.50	36.58	33.86	3.32	25000	1.23	1.26	1.28	1.21	1.22
26000	7.35	7.34	7.32	7.31	0.04	25.93	34.07	25.04	3.84	26000	1.10	1.23	1.24	1.14	1.15
27000	7.40	7.39	7.45	7.44	0.06	30.36	31.63	30.21	4.01	27000	1.16	1.17	1.20	1.16	1.20
28000	7.42	7.41	7.51	7.51	0.10	31.31	33.94	28.16	3.63	28000	1.15	1.20	1.23	1.23	1.26
29000	7.46	7.44	7.48	7.48	0.04	30.98	33.96	31.41	4.08	29000	1.11	1.08	1.10	1.14	1.17
30000	7.49	7.46	7.55	7.53	0.09	33.77	32.26	33.25	4.33	30000	1.15	1.03	1.02	1.13	1.14
32000	7.59	7.57	7.65	7.64	0.08	29.13	43.76	30.60	4.18	32000	1.15	1.08	1.12	1.14	1.16
34000	7.68	7.67	7.76	7.77	0.10	28.71	30.97	29.29	5.02	34000	1.24	1.15	1.19	1.20	1.27
36000	7.71	7.72	7.82	7.81	0.11	27.88	31.78	27.62	4.56	36000	1.07	1.11	1.16	1.20	1.26
38000	7.91	7.92	8.10	8.08	0.19	24.02	40.00	24.09	5.35	38000	1.40	1.16	1.20	1.37	1.38
40000	8.01	8.01	8.10	8.07	0.09	38.58	28.82	40.82	5.53	40000	1.34	1.21	1.22	1.35	1.37

1. Total Loss = Insertion Loss + 6dB splitter loss.



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site



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