

6 Way-0° Power Splitter/Combiner

ZN6PD-02183-S+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)			AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-3	S-5		1-2	1-3	1-6			S	1	3
2000	8.11	8.06	8.09	0.06	26.04	30.39	28.77	0.93	2000	1.16	1.16	1.14
2500	8.18	8.12	8.19	0.07	20.43	27.50	28.29	1.16	2500	1.24	1.04	1.07
3000	8.20	8.15	8.19	0.05	25.48	32.06	32.36	1.37	3000	1.19	1.08	1.06
3500	8.41	8.34	8.41	0.08	18.60	30.86	31.48	1.67	3500	1.51	1.13	1.20
4000	8.27	8.23	8.26	0.05	26.86	30.15	38.55	1.84	4000	1.17	1.11	1.16
4500	8.36	8.31	8.35	0.06	27.34	31.54	35.60	2.11	4500	1.30	1.00	1.15
5000	8.35	8.29	8.31	0.06	21.65	31.68	43.07	2.38	5000	1.11	1.04	1.06
5500	8.37	8.33	8.33	0.07	22.15	31.13	41.16	2.58	5500	1.12	1.03	1.14
6000	8.50	8.47	8.46	0.06	21.79	30.48	35.66	2.86	6000	1.40	1.09	1.06
6500	8.43	8.37	8.37	0.08	26.94	31.07	35.10	2.99	6500	1.15	1.14	1.15
7000	8.73	8.63	8.66	0.10	23.76	37.78	38.51	3.26	7000	1.67	1.24	1.15
7500	8.49	8.43	8.45	0.08	33.14	29.19	38.84	3.75	7500	1.18	1.21	1.27
8000	8.72	8.60	8.65	0.13	21.41	29.53	39.29	3.86	8000	1.45	1.26	1.17
8500	8.60	8.49	8.44	0.16	29.81	31.40	41.52	4.37	8500	1.05	1.23	1.23
9000	8.82	8.55	8.59	0.27	24.48	32.28	39.95	4.64	9000	1.32	1.30	1.16
9500	8.72	8.65	8.52	0.20	22.18	25.83	30.26	4.56	9500	1.24	1.21	1.27
10000	8.93	8.74	8.75	0.19	23.22	36.47	35.10	4.52	10000	1.47	1.34	1.12
10500	8.73	8.65	8.57	0.16	24.07	36.22	43.03	4.51	10500	1.18	1.13	1.15
11000	8.83	8.66	8.63	0.19	24.18	30.54	36.06	4.48	11000	1.23	1.25	1.09
11500	8.92	8.68	8.67	0.28	20.56	29.03	34.79	4.69	11500	1.21	1.14	1.06
12000	9.01	8.71	8.71	0.35	27.14	31.14	35.23	4.97	12000	1.16	1.19	1.09
12500	9.24	8.84	8.94	0.41	20.94	31.53	32.15	5.35	12500	1.41	1.29	1.11
13000	9.04	8.87	8.78	0.31	31.05	32.76	36.13	5.75	13000	1.14	1.19	1.21
13500	9.07	8.81	8.89	0.28	26.57	38.36	32.49	6.08	13500	1.13	1.23	1.12
14000	9.14	9.05	8.96	0.23	26.21	28.60	32.67	6.17	14000	1.39	1.22	1.30
14500	9.24	9.16	9.13	0.14	25.75	35.61	45.97	6.35	14500	1.54	1.37	1.36
15000	9.19	9.18	9.09	0.15	26.84	32.80	34.69	6.40	15000	1.47	1.34	1.41
15500	9.30	9.12	9.20	0.21	33.70	32.22	36.02	6.95	15500	1.46	1.38	1.28
16000	9.24	9.07	9.06	0.28	25.59	36.50	36.30	7.35	16000	1.24	1.33	1.33
16500	9.30	9.09	9.11	0.27	33.43	32.94	31.40	7.33	16500	1.11	1.35	1.20
17000	9.30	9.19	9.15	0.26	30.99	39.26	42.72	7.95	17000	1.30	1.36	1.34
17500	9.25	9.10	9.13	0.25	33.56	32.69	35.42	8.15	17500	1.24	1.29	1.22
18000	9.53	9.40	9.37	0.28	24.64	34.34	41.02	8.77	18000	1.69	1.49	1.47

¹Total Loss = Insertion Loss + 7.8dB 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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IF/RF MICROWAVE COMPONENTS

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