

2 Way-0° Power Splitter/Combiner

ZN2PD-44-V+

Typical Performance Data

TEST CONDITIONS: INPUT POWER = 0 dBm @ Temperature = +25°C

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (Deg)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
1000	3.60	3.61	0.00	3.84	0.10	1000	1.92	1.96	1.97
5000	3.68	3.72	0.05	7.59	0.61	5000	1.88	1.44	1.50
10000	3.56	3.57	0.01	19.06	0.36	10000	1.42	1.39	1.45
10500	3.55	3.56	0.01	19.96	0.18	10500	1.36	1.38	1.43
11000	3.55	3.55	0.00	20.47	0.07	11000	1.31	1.38	1.40
11500	3.57	3.54	0.03	20.50	0.01	11500	1.27	1.39	1.38
12000	3.59	3.54	0.05	20.17	0.06	12000	1.24	1.43	1.39
12500	3.60	3.53	0.07	19.54	0.19	12500	1.22	1.47	1.41
13000	3.62	3.55	0.08	18.82	0.39	13000	1.21	1.51	1.45
13500	3.64	3.57	0.07	18.11	0.58	13500	1.20	1.55	1.50
14000	3.64	3.60	0.05	17.48	0.74	14000	1.19	1.59	1.56
14500	3.64	3.62	0.02	16.93	0.85	14500	1.18	1.59	1.59
15000	3.63	3.64	0.01	16.55	0.86	15000	1.15	1.58	1.60
15500	3.62	3.66	0.03	16.33	0.83	15500	1.11	1.54	1.58
16000	3.62	3.67	0.05	16.26	0.70	16000	1.10	1.48	1.53
16500	3.63	3.69	0.06	16.38	0.57	16500	1.11	1.40	1.46
17000	3.65	3.71	0.06	16.69	0.43	17000	1.11	1.30	1.36
17500	3.67	3.72	0.05	17.20	0.33	17500	1.06	1.22	1.27
18000	3.70	3.73	0.03	17.92	0.27	18000	1.03	1.21	1.22
18500	3.75	3.76	0.01	18.85	0.27	18500	1.12	1.28	1.25
19000	3.80	3.80	0.00	19.79	0.35	19000	1.23	1.38	1.33
19500	3.86	3.85	0.01	20.68	0.51	19500	1.33	1.46	1.40
20000	3.90	3.89	0.01	21.33	0.67	20000	1.37	1.47	1.42
21000	3.91	3.94	0.03	22.18	0.92	21000	1.34	1.30	1.29
22000	3.91	4.00	0.09	23.44	0.86	22000	1.35	1.12	1.17
23000	3.94	4.05	0.11	25.64	0.55	23000	1.37	1.22	1.23
24000	3.94	4.01	0.08	27.63	0.29	24000	1.27	1.28	1.22
25000	3.97	4.00	0.04	27.60	0.59	25000	1.23	1.32	1.24
26000	3.99	4.10	0.11	26.29	0.97	26000	1.34	1.41	1.48
27000	3.96	4.18	0.22	23.62	0.39	27000	1.36	1.42	1.60
28000	3.92	4.08	0.16	19.97	0.63	28000	1.20	1.28	1.37
29000	4.07	4.05	0.02	17.35	0.72	29000	1.33	1.31	1.16
30000	4.12	4.02	0.09	16.30	0.25	30000	1.27	1.43	1.32
31000	4.08	4.06	0.03	16.88	0.86	31000	1.16	1.54	1.47
32000	4.28	4.31	0.02	19.23	0.88	32000	1.58	1.63	1.59
33000	4.18	4.22	0.03	24.13	0.80	33000	1.40	1.32	1.31
34000	4.10	4.13	0.03	38.16	0.86	34000	1.14	1.18	1.15
35000	4.33	4.37	0.04	29.69	0.97	35000	1.59	1.50	1.50
36000	4.24	4.29	0.05	26.27	1.07	36000	1.39	1.33	1.36
37000	4.19	4.24	0.05	28.23	1.13	37000	1.18	1.17	1.21
38000	4.37	4.44	0.07	35.00	1.30	38000	1.52	1.45	1.53
39000	4.25	4.36	0.11	27.46	1.22	39000	1.33	1.42	1.55
40000	4.21	4.31	0.10	22.46	0.83	40000	1.16	1.23	1.34

¹Total Loss = Insertion Loss + 3dB 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

REV. OR
ZN2PD-44-V+
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