

4 Way-0° Power Splitter/Combiner

ZN4PD1-63W-S+

Typical Performance Data

FREQ.	TOTAL LOSS ¹				AMP UNBAL.	ISOLATION			PHASE UNBAL.	FREQ.	VSWR				
(MHz)	(dB)				(dB)	(dB)			(Deg)	(MHz)	(:1)				
	S1	S2	S3	S4		1-2	2-3	3-4			S	1	2	3	4
250	6.32	6.31	6.32	6.33	0.02	11.87	19.38	11.99	0.27	250	1.46	1.09	1.09	1.09	1.10
300	6.20	6.19	6.20	6.21	0.02	15.72	21.32	15.82	0.24	300	1.13	1.04	1.05	1.05	1.05
350	6.22	6.21	6.22	6.22	0.02	20.88	23.90	20.88	0.30	350	1.12	1.05	1.05	1.05	1.05
400	6.27	6.26	6.27	6.28	0.02	26.84	27.53	26.56	0.30	400	1.24	1.06	1.07	1.08	1.07
500	6.29	6.28	6.29	6.31	0.03	27.50	45.87	27.33	0.38	500	1.21	1.10	1.10	1.11	1.10
600	6.32	6.30	6.31	6.34	0.04	24.35	31.29	24.14	0.50	600	1.17	1.10	1.11	1.11	1.10
700	6.48	6.45	6.46	6.49	0.04	21.55	26.77	21.98	0.60	700	1.42	1.10	1.11	1.12	1.10
800	6.53	6.51	6.52	6.54	0.02	23.25	25.64	23.96	0.66	800	1.48	1.14	1.15	1.15	1.14
900	6.46	6.45	6.46	6.47	0.02	30.37	26.45	29.80	0.69	900	1.31	1.13	1.15	1.14	1.13
1000	6.45	6.44	6.45	6.46	0.02	25.00	29.71	25.26	0.70	1000	1.22	1.05	1.06	1.06	1.06
1200	6.48	6.45	6.46	6.49	0.04	26.85	37.13	25.84	0.86	1200	1.04	1.09	1.08	1.07	1.09
1400	6.67	6.66	6.66	6.68	0.02	23.50	26.71	23.99	1.08	1400	1.39	1.10	1.11	1.11	1.10
1600	6.66	6.66	6.65	6.67	0.02	24.48	26.89	24.88	1.10	1600	1.31	1.07	1.08	1.10	1.08
1800	6.73	6.72	6.69	6.74	0.05	20.80	35.72	20.08	1.22	1800	1.35	1.17	1.17	1.15	1.16
2000	6.77	6.78	6.77	6.79	0.02	28.30	29.48	28.24	1.45	2000	1.33	1.22	1.24	1.23	1.23
2200	6.87	6.92	6.90	6.89	0.05	23.68	26.95	24.32	1.52	2200	1.39	1.13	1.16	1.16	1.14
2400	7.01	7.03	6.98	7.04	0.07	18.67	32.89	18.30	1.48	2400	1.47	1.25	1.23	1.23	1.26
2600	6.91	6.94	6.89	6.94	0.05	30.21	32.57	32.50	1.71	2600	1.23	1.33	1.34	1.34	1.35
2800	7.06	7.15	7.09	7.09	0.09	29.01	26.73	30.18	1.91	2800	1.49	1.26	1.31	1.31	1.28
3000	7.13	7.20	7.09	7.15	0.10	17.84	27.02	17.39	1.70	3000	1.36	1.12	1.11	1.08	1.12
3200	7.31	7.38	7.29	7.33	0.09	25.06	28.03	26.29	2.00	3200	1.31	1.41	1.41	1.38	1.42
3400	7.09	7.20	7.09	7.14	0.11	23.10	25.99	22.88	2.14	3400	1.34	1.25	1.29	1.26	1.26
3600	7.16	7.24	7.14	7.20	0.10	18.02	27.45	17.92	2.26	3600	1.43	1.07	1.09	1.09	1.07
3800	7.20	7.26	7.16	7.25	0.10	23.36	34.67	23.35	2.46	3800	1.38	1.28	1.27	1.25	1.27
4000	7.15	7.31	7.21	7.22	0.17	18.76	33.24	18.64	2.48	4000	1.25	1.22	1.27	1.26	1.24
4200	7.20	7.38	7.31	7.30	0.17	19.08	31.57	19.24	2.61	4200	1.22	1.33	1.40	1.39	1.35
4400	7.29	7.39	7.31	7.41	0.12	24.19	40.18	25.09	2.84	4400	1.27	1.31	1.32	1.32	1.32
4600	7.35	7.47	7.34	7.42	0.12	21.47	35.36	20.98	2.97	4600	1.27	1.24	1.27	1.24	1.26
4800	7.39	7.54	7.41	7.46	0.15	19.95	29.74	19.82	3.02	4800	1.08	1.26	1.34	1.32	1.29
5000	7.71	7.79	7.65	7.82	0.17	25.57	29.50	26.88	3.27	5000	1.58	1.41	1.44	1.45	1.42
5500	7.90	8.09	7.94	8.07	0.20	21.38	34.53	21.02	3.47	5500	1.24	1.32	1.37	1.36	1.37
6000	8.02	8.27	8.15	8.27	0.25	17.38	27.14	17.61	4.04	6000	1.26	1.21	1.22	1.20	1.24

¹ Total Loss = Insertion Loss + 6dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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