

6 Way-0° Power Splitter/Combiner

ZN6PD-63W-S+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	S-1	(dB) S-3	S-5		1-2	(dB) 1-3	1-6			(:1) S	1	3
1800	8.28	8.29	8.23	0.09	22.61	44.15	23.72	2.63	1800	1.21	1.16	1.11
1900	8.24	8.25	8.21	0.08	24.07	36.58	24.18	3.10	1900	1.04	1.13	1.10
2000	8.30	8.30	8.27	0.06	24.72	33.07	24.64	3.54	2000	1.22	1.12	1.12
2050	8.35	8.33	8.31	0.05	24.75	31.93	24.87	3.73	2050	1.29	1.11	1.13
2100	8.39	8.35	8.35	0.05	24.63	31.06	25.09	3.88	2100	1.35	1.11	1.13
2150	8.43	8.37	8.39	0.07	24.42	30.38	25.31	4.00	2150	1.39	1.11	1.13
2200	8.45	8.37	8.41	0.09	24.21	29.83	25.53	4.08	2200	1.41	1.11	1.12
2250	8.47	8.37	8.42	0.10	24.03	29.40	25.74	4.12	2250	1.41	1.11	1.11
2300	8.47	8.37	8.43	0.12	23.91	29.10	25.95	4.13	2300	1.40	1.12	1.09
2350	8.47	8.36	8.43	0.13	23.92	28.89	26.16	4.13	2350	1.37	1.13	1.07
2400	8.47	8.35	8.42	0.13	24.07	28.74	26.37	4.12	2400	1.35	1.14	1.04
2450	8.47	8.35	8.43	0.13	24.37	28.71	26.58	4.11	2450	1.33	1.15	1.02
2500	8.47	8.37	8.44	0.13	24.89	28.76	26.80	4.14	2500	1.32	1.16	1.03
2550	8.48	8.39	8.45	0.12	25.64	28.88	27.02	4.17	2550	1.32	1.17	1.06
2600	8.50	8.42	8.48	0.11	26.71	29.12	27.24	4.26	2600	1.34	1.18	1.09
2700	8.58	8.52	8.54	0.10	29.80	29.76	27.72	4.52	2700	1.38	1.18	1.13
2800	8.66	8.62	8.62	0.14	31.14	30.66	28.17	4.71	2800	1.41	1.17	1.17
2900	8.70	8.64	8.66	0.14	27.15	31.70	28.64	4.98	2900	1.40	1.14	1.18
3000	8.67	8.59	8.61	0.14	23.42	33.06	29.14	5.27	3000	1.31	1.11	1.17
3100	8.64	8.52	8.57	0.15	20.87	34.77	29.80	5.46	3100	1.19	1.10	1.15
3200	8.65	8.47	8.56	0.20	19.25	36.71	30.60	5.57	3200	1.12	1.12	1.12
3300	8.68	8.45	8.59	0.26	18.36	38.47	31.48	5.55	3300	1.19	1.16	1.10
3400	8.73	8.45	8.63	0.31	18.12	39.00	32.33	5.40	3400	1.28	1.19	1.10
3500	8.78	8.45	8.67	0.35	18.45	38.05	33.08	5.14	3500	1.33	1.19	1.10
3600	8.81	8.46	8.70	0.37	19.36	36.45	33.69	4.84	3600	1.32	1.18	1.11
3700	8.83	8.47	8.70	0.37	20.91	34.84	34.12	4.55	3700	1.25	1.14	1.11
3800	8.84	8.51	8.71	0.35	23.06	33.53	34.37	4.31	3800	1.15	1.08	1.13
3900	8.87	8.59	8.74	0.30	25.63	32.63	34.41	4.18	3900	1.09	1.02	1.16
4000	8.90	8.70	8.78	0.24	27.80	32.12	34.35	4.26	4000	1.14	1.06	1.20
4100	8.89	8.77	8.78	0.18	28.61	31.85	34.41	4.70	4100	1.22	1.12	1.24
4200	8.88	8.78	8.76	0.17	28.59	31.71	34.59	5.46	4200	1.30	1.17	1.27
4300	8.91	8.75	8.76	0.19	28.66	31.81	34.73	6.24	4300	1.33	1.20	1.28
4400	8.94	8.69	8.77	0.28	28.53	32.20	34.69	6.92	4400	1.30	1.21	1.26
4500	8.98	8.61	8.78	0.41	27.22	32.67	34.64	7.34	4500	1.22	1.21	1.23
4600	9.02	8.52	8.79	0.53	24.82	33.18	34.66	7.52	4600	1.13	1.20	1.18
4700	9.06	8.46	8.81	0.64	22.38	33.61	34.76	7.46	4700	1.06	1.21	1.12
4800	9.10	8.42	8.85	0.73	20.43	33.98	34.91	7.28	4800	1.09	1.24	1.06
4900	9.16	8.40	8.90	0.80	19.09	33.99	35.12	7.02	4900	1.16	1.28	1.05
5000	9.21	8.40	8.95	0.84	18.33	33.54	35.39	6.74	5000	1.20	1.32	1.10
5100	9.25	8.42	8.99	0.86	18.10	32.59	35.72	6.48	5100	1.23	1.35	1.16
5200	9.28	8.45	9.02	0.87	18.35	31.40	36.18	6.25	5200	1.23	1.37	1.20
5300	9.30	8.48	9.04	0.86	19.06	30.17	36.86	6.03	5300	1.25	1.38	1.23
5400	9.32	8.53	9.07	0.84	20.28	29.02	37.76	5.84	5400	1.29	1.37	1.26
5500	9.33	8.58	9.10	0.79	22.11	28.02	39.03	5.81	5500	1.34	1.36	1.27
5550	9.34	8.61	9.12	0.77	23.32	27.71	39.88	5.84	5550	1.36	1.35	1.27
5600	9.34	8.64	9.14	0.75	24.57	27.24	40.92	5.96	5600	1.38	1.34	1.28
5650	9.35	8.66	9.16	0.73	25.83	26.94	42.16	6.05	5650	1.39	1.33	1.27
5700	9.35	8.68	9.17	0.72	26.47	26.60	43.76	6.26	5700	1.39	1.31	1.28
5750	9.35	8.69	9.19	0.71	26.03	26.30	45.62	6.39	5750	1.38	1.30	1.27
5800	9.36	8.69	9.20	0.71	24.78	26.10	47.72	6.61	5800	1.36	1.29	1.27
5850	9.36	8.70	9.20	0.72	23.01	25.75	49.41	6.78	5850	1.33	1.26	1.27
5900	9.36	8.70	9.21	0.72	21.32	25.64	48.95	6.83	5900	1.29	1.25	1.27
5950	9.36	8.70	9.21	0.72	19.81	25.35	46.63	6.98	5950	1.25	1.25	1.27
6000	9.36	8.70	9.21	0.73	18.45	25.19	44.05	7.06	6000	1.20	1.22	1.27

¹Total Loss = Insertion Loss + 7.8dB Splitter Loss



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

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 ZN6PD-63W-S+
 1/18/2019
 Page 1 of 1