

4 Way-0° Power Splitter/Combiner ZN4PD1-ED12277/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)				AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)				
	S-1	S-2	S-3	S-4		1-2	2-3	3-4			S	1	2	3	4
400.0	7.22	7.21	7.25	7.22	0.04	4.98	14.58	14.61	0.30	400.0	2.72	1.58	1.58	1.58	1.58
500.0	6.88	6.86	6.91	6.88	0.04	5.86	15.52	15.54	0.30	500.0	2.25	1.39	1.39	1.40	1.40
600.0	6.57	6.56	6.60	6.57	0.04	7.02	16.21	16.23	0.28	600.0	1.81	1.27	1.27	1.28	1.28
700.0	6.34	6.33	6.37	6.35	0.04	8.45	16.80	16.82	0.25	700.0	1.44	1.19	1.20	1.20	1.20
1000.0	6.39	6.38	6.39	6.37	0.02	14.23	19.08	19.10	0.36	1000.0	1.37	1.18	1.19	1.19	1.18
1200.0	6.72	6.70	6.71	6.69	0.03	17.92	21.43	21.43	0.37	1200.0	1.83	1.23	1.24	1.24	1.24
1400.0	6.90	6.89	6.89	6.87	0.03	19.10	24.41	24.38	0.43	1400.0	2.06	1.29	1.30	1.29	1.30
1600.0	6.84	6.83	6.83	6.81	0.03	19.67	28.02	27.95	0.48	1600.0	1.96	1.33	1.33	1.32	1.34
1800.0	6.65	6.65	6.65	6.62	0.03	21.49	32.61	32.47	0.46	1800.0	1.64	1.32	1.32	1.30	1.32
2000.0	6.48	6.48	6.49	6.45	0.03	23.63	37.44	37.39	0.64	2000.0	1.29	1.25	1.25	1.24	1.25
2200.0	6.43	6.43	6.44	6.39	0.05	23.43	35.91	36.23	0.59	2200.0	1.05	1.17	1.18	1.17	1.16
2400.0	6.46	6.46	6.47	6.42	0.05	21.86	32.38	32.75	0.66	2400.0	1.11	1.12	1.14	1.13	1.12
2500.0	6.47	6.47	6.49	6.43	0.06	21.32	31.16	31.52	0.79	2500.0	1.14	1.14	1.15	1.14	1.13
2700.0	6.54	6.53	6.54	6.48	0.06	21.17	29.48	29.87	0.71	2700.0	1.14	1.20	1.21	1.19	1.18
2900.0	6.71	6.70	6.71	6.65	0.06	22.08	28.54	28.96	0.70	2900.0	1.15	1.24	1.24	1.23	1.21
3100.0	6.82	6.82	6.84	6.75	0.08	24.02	28.95	29.31	0.40	3100.0	1.21	1.26	1.25	1.25	1.22
3300.0	6.75	6.75	6.77	6.68	0.08	28.77	30.43	30.61	1.10	3300.0	1.23	1.25	1.23	1.23	1.20
3500.0	6.64	6.66	6.68	6.58	0.10	38.33	32.54	32.49	1.66	3500.0	1.16	1.18	1.17	1.17	1.15
3700.0	6.58	6.62	6.62	6.52	0.10	36.35	35.69	35.37	1.66	3700.0	1.07	1.10	1.10	1.09	1.09
3900.0	6.57	6.61	6.61	6.50	0.12	34.55	39.74	39.34	1.58	3900.0	1.01	1.04	1.04	1.04	1.05
4100.0	6.57	6.62	6.64	6.52	0.12	38.92	40.56	41.29	1.54	4100.0	1.04	1.02	1.01	1.03	1.04
4300.0	6.67	6.69	6.69	6.60	0.09	34.85	37.86	38.78	1.43	4300.0	1.11	1.03	1.02	1.03	1.07
4500.0	6.74	6.72	6.73	6.67	0.07	28.57	36.06	36.85	1.34	4500.0	1.19	1.06	1.06	1.05	1.09
4700.0	6.82	6.77	6.78	6.74	0.08	26.40	34.84	35.55	1.43	4700.0	1.22	1.10	1.11	1.09	1.12
4900.0	6.86	6.80	6.80	6.78	0.09	26.41	33.47	34.21	1.71	4900.0	1.18	1.11	1.13	1.12	1.12
5100.0	7.00	6.93	6.94	6.90	0.10	26.41	31.57	32.29	1.65	5100.0	1.16	1.11	1.12	1.12	1.10
5300.0	7.07	7.04	7.05	6.96	0.11	24.11	29.43	30.05	1.54	5300.0	1.21	1.11	1.11	1.11	1.08
5500.0	7.00	7.05	7.05	6.88	0.17	21.50	27.37	27.81	1.58	5500.0	1.28	1.12	1.12	1.14	1.09
5700.0	6.90	6.98	6.98	6.76	0.21	20.24	25.26	25.45	1.68	5700.0	1.30	1.16	1.16	1.19	1.13
5900.0	6.85	6.91	6.91	6.72	0.19	19.87	23.47	23.43	1.36	5900.0	1.25	1.19	1.17	1.21	1.18
6000.0	6.89	6.92	6.90	6.74	0.18	19.46	22.75	22.64	1.20	6000.0	1.20	1.20	1.17	1.21	1.20
6200.0	7.10	7.06	7.05	6.98	0.13	17.87	21.69	21.47	0.88	6200.0	1.26	1.22	1.16	1.20	1.22
6400.0	7.47	7.37	7.36	7.35	0.12	16.58	20.95	20.67	0.96	6400.0	1.57	1.27	1.19	1.22	1.26
6600.0	7.91	7.79	7.79	7.82	0.12	16.06	20.26	19.92	1.15	6600.0	1.88	1.32	1.23	1.24	1.32
6800.0	8.02	7.92	7.92	7.92	0.10	14.92	19.45	19.04	1.42	6800.0	2.02	1.31	1.25	1.24	1.33
7000.0	7.59	7.55	7.58	7.53	0.05	13.02	18.73	18.30	1.63	7000.0	1.76	1.29	1.24	1.22	1.31
7200.0	7.04	7.10	7.16	7.02	0.14	10.86	18.41	17.99	1.54	7200.0	1.20	1.26	1.21	1.19	1.27
7400.0	7.00	7.19	7.22	6.99	0.23	8.73	18.76	18.36	1.47	7400.0	1.43	1.29	1.25	1.23	1.28
7600.0	7.57	7.87	7.84	7.52	0.36	7.46	19.54	19.21	1.27	7600.0	2.22	1.56	1.53	1.49	1.54
7800.0	8.16	8.56	8.46	8.08	0.48	7.42	19.91	19.61	0.92	7800.0	2.82	2.03	2.06	1.99	2.02
8000.0	8.30	8.72	8.63	8.25	0.48	8.79	19.02	18.70	1.06	8000.0	2.84	2.71	2.85	2.74	2.75

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss