

4 Way-0° Power Splitter/Combiner

ZN4PD-ED14480/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)				AMP UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (Deg)	FREQ. (MHz)	VSWR (:1)				
	S1	S2	S3	S4		1-2	2-3	3-4			S	1	2	3	4
500.0	6.47	6.39	6.43	6.43	0.08	23.59	24.14	23.26	0.47	500.0	1.31	1.09	1.06	1.08	1.08
550.0	6.54	6.46	6.50	6.50	0.08	25.00	26.80	24.42	0.52	550.0	1.41	1.14	1.11	1.13	1.14
600.0	6.58	6.50	6.54	6.54	0.08	26.15	30.21	25.40	0.56	600.0	1.45	1.19	1.16	1.18	1.19
625.0	6.58	6.50	6.55	6.55	0.08	27.12	32.28	26.25	0.56	625.0	1.44	1.21	1.18	1.20	1.21
650.0	6.58	6.50	6.54	6.54	0.08	28.59	34.41	27.54	0.57	650.0	1.42	1.23	1.20	1.22	1.23
675.0	6.57	6.49	6.54	6.54	0.08	30.83	36.19	29.47	0.60	675.0	1.39	1.24	1.22	1.24	1.24
700.0	6.56	6.48	6.52	6.52	0.08	34.58	36.61	32.52	0.61	700.0	1.35	1.25	1.23	1.25	1.25
725.0	6.54	6.47	6.51	6.51	0.07	42.51	35.47	38.05	0.63	725.0	1.30	1.25	1.23	1.26	1.25
775.0	6.51	6.44	6.49	6.48	0.07	35.20	32.13	38.65	0.66	775.0	1.19	1.24	1.22	1.25	1.25
800.0	6.50	6.43	6.48	6.47	0.07	30.54	30.71	32.46	0.66	800.0	1.14	1.23	1.21	1.24	1.24
824.0	6.50	6.43	6.49	6.47	0.07	27.73	29.57	29.12	0.67	824.0	1.09	1.21	1.20	1.23	1.23
850.0	6.51	6.44	6.49	6.48	0.07	25.60	28.57	26.69	0.69	850.0	1.07	1.19	1.19	1.22	1.21
875.0	6.52	6.46	6.51	6.49	0.07	24.11	27.78	25.04	0.70	875.0	1.09	1.18	1.17	1.20	1.19
900.0	6.54	6.48	6.53	6.51	0.06	23.01	27.13	23.83	0.72	900.0	1.12	1.16	1.16	1.19	1.18
925.0	6.56	6.50	6.55	6.53	0.06	22.18	26.62	22.92	0.75	925.0	1.16	1.15	1.15	1.18	1.16
950.0	6.58	6.52	6.57	6.55	0.06	21.58	26.21	22.26	0.79	950.0	1.20	1.14	1.13	1.16	1.15
975.0	6.60	6.55	6.59	6.57	0.06	21.17	25.90	21.79	0.82	975.0	1.23	1.13	1.12	1.15	1.14
1000.0	6.63	6.57	6.60	6.58	0.06	20.89	25.69	21.46	0.83	1000.0	1.25	1.12	1.12	1.14	1.13
1050.0	6.65	6.60	6.62	6.60	0.06	20.68	25.46	21.18	0.87	1050.0	1.26	1.12	1.12	1.13	1.12
1100.0	6.66	6.61	6.62	6.60	0.07	20.79	25.51	21.20	0.87	1100.0	1.23	1.12	1.12	1.12	1.11
1150.0	6.67	6.62	6.62	6.59	0.08	21.08	25.80	21.38	0.83	1150.0	1.17	1.12	1.11	1.11	1.11
1200.0	6.68	6.62	6.62	6.59	0.09	21.44	26.38	21.61	0.85	1200.0	1.10	1.13	1.12	1.10	1.11
1250.0	6.70	6.64	6.64	6.61	0.09	21.90	27.21	21.90	0.87	1250.0	1.06	1.13	1.12	1.10	1.11
1300.0	6.72	6.67	6.67	6.63	0.09	22.56	28.39	22.39	0.88	1300.0	1.10	1.15	1.13	1.10	1.12
1350.0	6.76	6.70	6.71	6.67	0.09	23.50	29.93	23.14	0.89	1350.0	1.16	1.16	1.14	1.11	1.14
1400.0	6.78	6.73	6.74	6.70	0.08	24.79	31.90	24.22	0.91	1400.0	1.20	1.17	1.15	1.12	1.15
1450.0	6.80	6.74	6.76	6.72	0.08	26.28	34.53	25.52	0.94	1450.0	1.22	1.18	1.16	1.13	1.16
1500.0	6.80	6.75	6.77	6.73	0.07	27.53	37.85	26.69	0.96	1500.0	1.21	1.17	1.16	1.14	1.16
1550.0	6.80	6.75	6.77	6.73	0.07	28.21	41.98	27.49	0.99	1550.0	1.18	1.18	1.16	1.15	1.17
1600.0	6.81	6.75	6.78	6.73	0.08	28.41	44.23	27.98	1.01	1600.0	1.16	1.18	1.17	1.16	1.17
1650.0	6.82	6.77	6.79	6.75	0.08	28.83	41.77	28.71	1.05	1650.0	1.16	1.19	1.18	1.17	1.18
1700.0	6.85	6.79	6.82	6.77	0.08	30.08	38.87	30.30	1.06	1700.0	1.18	1.20	1.19	1.19	1.19
1750.0	6.87	6.82	6.85	6.79	0.07	32.82	36.79	33.75	1.11	1750.0	1.20	1.21	1.20	1.20	1.20
1800.0	6.89	6.84	6.87	6.82	0.07	36.87	35.40	39.93	1.13	1800.0	1.21	1.20	1.20	1.20	1.20
1850.0	6.90	6.86	6.89	6.84	0.07	34.69	34.42	35.43	1.17	1850.0	1.20	1.18	1.19	1.19	1.19
1900.0	6.91	6.87	6.90	6.84	0.07	29.65	33.91	29.46	1.21	1900.0	1.17	1.14	1.16	1.16	1.16
1950.0	6.92	6.87	6.91	6.85	0.07	26.38	33.75	26.06	1.24	1950.0	1.14	1.10	1.12	1.12	1.12
2000.0	6.93	6.89	6.91	6.86	0.08	24.42	33.93	24.06	1.27	2000.0	1.11	1.05	1.07	1.07	1.07
2050.0	6.96	6.92	6.94	6.87	0.08	23.41	34.49	23.04	1.30	2050.0	1.12	1.03	1.02	1.03	1.03
2100.0	6.98	6.94	6.96	6.89	0.09	23.20	35.37	22.82	1.36	2100.0	1.15	1.07	1.03	1.02	1.02
2150.0	7.02	6.98	6.99	6.92	0.09	23.63	36.60	23.26	1.40	2150.0	1.18	1.10	1.07	1.05	1.05
2200.0	7.04	7.01	7.02	6.95	0.10	24.61	38.10	24.29	1.46	2200.0	1.20	1.13	1.09	1.08	1.08
2225.0	7.05	7.02	7.03	6.96	0.10	25.26	38.95	25.01	1.48	2225.0	1.20	1.13	1.10	1.09	1.09
2250.0	7.06	7.03	7.04	6.96	0.10	25.95	39.88	25.80	1.52	2250.0	1.20	1.13	1.10	1.09	1.09
2275.0	7.07	7.04	7.05	6.97	0.10	26.62	40.85	26.62	1.55	2275.0	1.19	1.13	1.10	1.09	1.10
2300.0	7.07	7.04	7.06	6.97	0.10	27.19	41.93	27.38	1.58	2300.0	1.19	1.12	1.10	1.09	1.10
2325.0	7.08	7.05	7.07	6.98	0.10	27.58	43.01	27.98	1.61	2325.0	1.18	1.11	1.09	1.08	1.10
2350.0	7.08	7.06	7.08	6.98	0.10	27.70	44.36	28.32	1.64	2350.0	1.16	1.09	1.08	1.07	1.09
2400.0	7.09	7.07	7.09	6.99	0.10	27.35	48.05	28.17	1.71	2400.0	1.14	1.06	1.07	1.05	1.08
2500.0	7.13	7.11	7.14	7.02	0.12	25.63	56.12	26.33	1.84	2500.0	1.12	1.02	1.03	1.02	1.06
2550.0	7.15	7.14	7.17	7.04	0.13	24.65	45.02	25.29	1.87	2550.0	1.12	1.05	1.02	1.05	1.06
2600.0	7.17	7.16	7.20	7.06	0.14	23.50	39.56	24.05	1.93	2600.0	1.12	1.07	1.03	1.07	1.06
2650.0	7.19	7.19	7.24	7.08	0.15	22.15	35.72	22.58	1.95	2650.0	1.10	1.09	1.04	1.09	1.07
2700.0	7.21	7.21	7.27	7.10	0.17	20.53	32.69	20.76	1.96	2700.0	1.06	1.11	1.05	1.09	1.07

¹ Total Loss = Insertion Loss + 6dB Splitter Loss