

4 Way-0° Power Splitter/Combiner

ZN4PD-20

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
1800	6.21	6.19	6.20	6.20	0.02	26.21	27.93	26.08	0.43	1800	1.17	1.05	1.06	1.05	1.05
1805	6.18	6.17	6.18	6.17	0.01	26.42	28.05	26.26	0.41	1805	1.16	1.05	1.06	1.05	1.06
1810	6.17	6.17	6.18	6.17	0.01	26.68	28.23	26.52	0.44	1810	1.16	1.05	1.06	1.05	1.06
1815	6.17	6.14	6.15	6.14	0.03	26.83	28.42	26.68	0.39	1815	1.15	1.05	1.06	1.05	1.06
1820	6.16	6.15	6.15	6.13	0.03	27.05	28.52	26.90	0.34	1820	1.15	1.06	1.06	1.05	1.06
1825	6.15	6.14	6.15	6.13	0.02	27.28	28.70	27.15	0.31	1825	1.14	1.06	1.06	1.06	1.06
1830	6.14	6.15	6.15	6.15	0.01	27.51	28.88	27.34	0.42	1830	1.14	1.06	1.06	1.06	1.06
1835	6.16	6.14	6.14	6.14	0.02	27.68	29.04	27.54	0.37	1835	1.13	1.06	1.06	1.06	1.06
1840	6.15	6.13	6.14	6.13	0.02	27.87	29.18	27.73	0.46	1840	1.13	1.06	1.06	1.06	1.06
1845	6.18	6.16	6.16	6.16	0.02	28.11	29.37	27.98	0.32	1845	1.12	1.06	1.06	1.06	1.06
1850	6.20	6.17	6.16	6.17	0.04	28.29	29.52	28.16	0.43	1850	1.11	1.06	1.06	1.06	1.07
1855	6.19	6.18	6.18	6.19	0.02	28.47	29.73	28.32	0.34	1855	1.11	1.06	1.06	1.06	1.07
1860	6.20	6.18	6.20	6.19	0.02	28.69	29.91	28.49	0.51	1860	1.10	1.06	1.06	1.06	1.07
1865	6.20	6.18	6.17	6.16	0.03	28.80	30.08	28.70	0.42	1865	1.10	1.06	1.06	1.06	1.07
1870	6.19	6.17	6.18	6.16	0.03	28.93	30.23	28.78	0.35	1870	1.09	1.06	1.06	1.07	1.07
1875	6.18	6.17	6.17	6.16	0.03	29.08	30.41	28.93	0.52	1875	1.09	1.07	1.06	1.07	1.07
1880	6.17	6.16	6.16	6.16	0.02	29.18	30.60	29.09	0.32	1880	1.08	1.07	1.07	1.07	1.07
1885	6.16	6.16	6.16	6.15	0.01	29.30	30.82	29.23	0.39	1885	1.07	1.07	1.07	1.07	1.07
1890	6.19	6.14	6.15	6.15	0.05	29.36	30.96	29.35	0.40	1890	1.07	1.07	1.07	1.07	1.08
1895	6.17	6.16	6.15	6.14	0.03	29.49	31.21	29.41	0.36	1895	1.06	1.07	1.07	1.07	1.08
1900	6.16	6.16	6.15	6.14	0.02	29.51	31.48	29.50	0.35	1900	1.06	1.07	1.07	1.07	1.08
1905	6.17	6.17	6.15	6.15	0.01	29.54	31.65	29.58	0.27	1905	1.05	1.07	1.07	1.07	1.08
1910	6.15	6.15	6.15	6.15	0.01	29.59	31.84	29.61	0.29	1910	1.04	1.08	1.07	1.08	1.08
1915	6.17	6.15	6.15	6.15	0.02	29.59	32.08	29.62	0.35	1915	1.04	1.08	1.07	1.08	1.08
1920	6.17	6.16	6.16	6.15	0.02	29.57	32.28	29.63	0.34	1920	1.03	1.08	1.07	1.08	1.08
1925	6.16	6.15	6.15	6.15	0.01	29.46	32.51	29.58	0.39	1925	1.02	1.08	1.07	1.08	1.09
1930	6.17	6.16	6.14	6.15	0.03	29.39	32.75	29.55	0.35	1930	1.02	1.08	1.07	1.08	1.09
1935	6.18	6.16	6.16	6.16	0.02	29.37	32.96	29.49	0.36	1935	1.01	1.08	1.08	1.08	1.09
1940	6.16	6.16	6.16	6.16	0.00	29.25	33.22	29.38	0.50	1940	1.01	1.08	1.08	1.08	1.09
1945	6.17	6.16	6.15	6.16	0.02	29.12	33.42	29.28	0.28	1945	1.00	1.09	1.08	1.09	1.09
1950	6.19	6.17	6.16	6.16	0.02	28.99	33.67	29.23	0.36	1950	1.01	1.09	1.08	1.09	1.09
1955	6.19	6.18	6.16	6.16	0.03	28.92	33.92	29.05	0.36	1955	1.01	1.09	1.08	1.09	1.09
1960	6.19	6.18	6.18	6.17	0.02	28.73	34.16	28.94	0.38	1960	1.02	1.09	1.08	1.09	1.10
1965	6.18	6.17	6.16	6.16	0.03	28.56	34.45	28.79	0.38	1965	1.03	1.09	1.08	1.09	1.10
1970	6.16	6.16	6.14	6.14	0.02	28.37	34.67	28.57	0.38	1970	1.03	1.09	1.08	1.09	1.10
1975	6.16	6.15	6.14	6.16	0.02	28.16	34.98	28.37	0.48	1975	1.04	1.10	1.09	1.10	1.10
1980	6.15	6.14	6.13	6.12	0.03	27.97	35.19	28.21	0.38	1980	1.05	1.10	1.09	1.10	1.10
1985	6.15	6.13	6.11	6.11	0.04	27.76	35.44	28.03	0.45	1985	1.06	1.10	1.09	1.10	1.11
1990	6.16	6.14	6.13	6.14	0.03	27.59	35.74	27.87	0.38	1990	1.06	1.10	1.09	1.10	1.11
1995	6.16	6.16	6.15	6.15	0.02	27.45	35.93	27.63	0.36	1995	1.07	1.10	1.09	1.10	1.11
2000	6.18	6.16	6.16	6.15	0.03	27.28	36.26	27.48	0.38	2000	1.08	1.10	1.09	1.11	1.11

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss

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