

2 Way-0° Power Splitter/Combiner 3ZN2PD-ED10806/1

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
1000.0	5.18	5.23	0.06	10.02	0.60	1000.0	1.44	1.06	1.07
1010.0	5.19	5.25	0.06	10.11	0.63	1010.0	1.43	1.06	1.07
1020.0	5.19	5.25	0.06	10.19	0.53	1020.0	1.43	1.06	1.06
1030.0	5.19	5.25	0.06	10.29	0.55	1030.0	1.44	1.05	1.06
1040.0	5.17	5.24	0.07	10.36	0.46	1040.0	1.44	1.05	1.05
1050.0	5.19	5.24	0.05	10.46	0.43	1050.0	1.44	1.04	1.05
1130.0	5.17	5.22	0.05	11.19	0.48	1130.0	1.40	1.03	1.02
1210.0	5.17	5.20	0.03	12.06	0.38	1210.0	1.40	1.04	1.02
1290.0	5.13	5.15	0.02	13.04	0.43	1290.0	1.37	1.06	1.04
1370.0	5.08	5.10	0.03	14.20	0.53	1370.0	1.33	1.06	1.05
1450.0	5.03	5.05	0.02	15.62	0.54	1450.0	1.31	1.07	1.06
1530.0	4.97	5.00	0.02	17.41	0.59	1530.0	1.23	1.06	1.06
1610.0	4.93	4.93	0.01	19.75	0.56	1610.0	1.21	1.06	1.06
1690.0	4.92	4.91	0.01	23.07	0.54	1690.0	1.15	1.05	1.05
1770.0	4.92	4.89	0.02	28.40	0.52	1770.0	1.09	1.02	1.03
1850.0	4.88	4.87	0.01	42.29	0.62	1850.0	1.04	1.02	1.01
1856.0	4.88	4.87	0.01	45.25	0.59	1856.0	1.04	1.03	1.01
1862.0	4.87	4.86	0.01	49.54	0.61	1862.0	1.03	1.03	1.01
1868.0	4.89	4.87	0.02	58.27	0.61	1868.0	1.03	1.03	1.01
1874.0	4.88	4.86	0.03	61.42	0.55	1874.0	1.02	1.04	1.01
1880.0	4.88	4.85	0.03	50.28	0.50	1880.0	1.02	1.04	1.01
1886.0	4.88	4.85	0.03	45.67	0.59	1886.0	1.01	1.05	1.02
1892.0	4.89	4.85	0.04	42.66	0.59	1892.0	1.02	1.05	1.02
1898.0	4.89	4.85	0.04	40.68	0.53	1898.0	1.02	1.05	1.02
1904.0	4.89	4.85	0.04	38.87	0.59	1904.0	1.02	1.06	1.02
1910.0	4.95	4.91	0.04	37.29	0.62	1910.0	1.03	1.06	1.02
2014.0	5.02	4.97	0.05	26.91	0.67	2014.0	1.10	1.12	1.08
2118.0	5.07	5.02	0.05	23.26	0.64	2118.0	1.16	1.18	1.13
2222.0	5.13	5.08	0.05	21.62	0.73	2222.0	1.21	1.24	1.19
2326.0	5.15	5.10	0.05	21.14	0.68	2326.0	1.28	1.32	1.26
2430.0	5.19	5.15	0.04	21.52	0.79	2430.0	1.31	1.40	1.33
2534.0	5.16	5.14	0.03	22.20	0.91	2534.0	1.29	1.45	1.38
2638.0	5.14	5.11	0.03	21.83	1.14	2638.0	1.21	1.46	1.40
2742.0	5.12	5.10	0.03	19.47	1.19	2742.0	1.12	1.45	1.39
2846.0	5.15	5.11	0.05	16.36	1.25	2846.0	1.05	1.42	1.36
2950.0	5.19	5.13	0.06	13.57	1.43	2950.0	1.16	1.38	1.32
2960.0	5.23	5.15	0.08	13.35	1.38	2960.0	1.17	1.37	1.32
2970.0	5.23	5.15	0.08	13.11	1.41	2970.0	1.19	1.37	1.31
2980.0	5.24	5.14	0.10	12.86	1.45	2980.0	1.21	1.37	1.31
2990.0	5.22	5.14	0.08	12.61	1.57	2990.0	1.24	1.36	1.30
3000.0	5.22	5.15	0.07	12.38	1.50	3000.0	1.26	1.36	1.30

¹Total Loss = Insertion Loss + 3dB Splitter Loss