

2 Way-0° Power Splitter/Combiner ZN2PD-ED12512/1

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	1	2
1200.0	3.43	3.42	0.01	13.67	0.40	1200.0	1.67	1.11	1.11
1400.0	3.40	3.38	0.02	15.94	0.44	1400.0	1.60	1.13	1.13
1600.0	3.37	3.34	0.02	18.66	0.49	1600.0	1.51	1.15	1.16
1800.0	3.33	3.31	0.02	21.91	0.54	1800.0	1.42	1.16	1.18
1900.0	3.32	3.30	0.02	23.60	0.57	1900.0	1.37	1.17	1.18
2000.0	3.31	3.29	0.02	25.15	0.61	2000.0	1.32	1.16	1.17
2100.0	3.30	3.28	0.02	26.11	0.64	2100.0	1.27	1.15	1.17
2200.0	3.30	3.27	0.03	26.23	0.66	2200.0	1.22	1.15	1.16
2300.0	3.30	3.27	0.02	25.80	0.68	2300.0	1.17	1.13	1.15
2400.0	3.30	3.27	0.03	25.00	0.72	2400.0	1.12	1.13	1.14
2500.0	3.30	3.28	0.03	24.26	0.77	2500.0	1.07	1.12	1.13
2600.0	3.31	3.28	0.03	23.60	0.80	2600.0	1.03	1.11	1.12
2700.0	3.32	3.29	0.03	23.07	0.82	2700.0	1.01	1.10	1.11
2800.0	3.33	3.29	0.03	22.73	0.86	2800.0	1.05	1.11	1.11
2900.0	3.33	3.30	0.03	22.54	0.92	2900.0	1.08	1.11	1.12
3000.0	3.35	3.31	0.04	22.50	0.96	3000.0	1.12	1.12	1.13
3200.0	3.36	3.32	0.04	22.97	0.96	3200.0	1.16	1.13	1.14
3400.0	3.37	3.33	0.04	24.13	1.01	3400.0	1.19	1.13	1.14
3600.0	3.38	3.33	0.05	26.10	1.06	3600.0	1.19	1.14	1.13
3800.0	3.38	3.32	0.05	28.69	1.11	3800.0	1.17	1.12	1.12
4000.0	3.38	3.32	0.05	31.34	1.14	4000.0	1.15	1.12	1.09
4200.0	3.38	3.32	0.06	31.64	1.20	4200.0	1.13	1.09	1.07
4400.0	3.39	3.33	0.06	29.57	1.21	4400.0	1.14	1.08	1.06
4600.0	3.40	3.34	0.06	27.68	1.27	4600.0	1.14	1.07	1.07
4800.0	3.43	3.36	0.07	26.41	1.32	4800.0	1.16	1.09	1.09
5000.0	3.45	3.39	0.07	25.60	1.34	5000.0	1.15	1.09	1.11
5200.0	3.48	3.40	0.07	25.38	1.38	5200.0	1.13	1.12	1.12
5400.0	3.49	3.41	0.08	25.15	1.45	5400.0	1.10	1.11	1.12
5600.0	3.50	3.42	0.08	24.70	1.47	5600.0	1.06	1.13	1.12
5800.0	3.49	3.41	0.08	23.45	1.54	5800.0	1.03	1.12	1.12
6000.0	3.50	3.41	0.09	21.28	1.62	6000.0	1.09	1.11	1.11
6100.0	3.50	3.41	0.09	20.20	1.58	6100.0	1.13	1.10	1.10
6200.0	3.51	3.42	0.09	19.03	1.51	6200.0	1.18	1.10	1.09
6300.0	3.54	3.43	0.10	17.83	1.51	6300.0	1.24	1.11	1.09
6400.0	3.56	3.47	0.09	16.85	1.55	6400.0	1.31	1.09	1.09
6500.0	3.61	3.50	0.11	15.93	1.59	6500.0	1.38	1.10	1.10
6600.0	3.66	3.56	0.11	15.21	1.50	6600.0	1.47	1.14	1.12
6700.0	3.74	3.62	0.12	14.52	1.60	6700.0	1.55	1.15	1.15
6800.0	3.81	3.69	0.12	13.78	1.56	6800.0	1.65	1.16	1.19
6900.0	3.89	3.79	0.10	13.12	1.59	6900.0	1.77	1.24	1.23
7000.0	4.01	3.89	0.12	12.61	1.45	7000.0	1.88	1.31	1.29

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

ZN2PD-ED12512/1

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Page 1 of 1



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