

2 Way-0° Power Splitter/Combiner ZN2PD2-ED12592/1

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
100.0	3.53	3.54	0.01	6.39	0.03	100.0	1.92	1.54	1.54
200.0	3.46	3.47	0.01	10.54	0.01	200.0	1.79	1.24	1.24
300.0	3.35	3.36	0.01	15.02	0.00	300.0	1.59	1.17	1.17
400.0	3.23	3.24	0.01	21.72	0.01	400.0	1.37	1.17	1.18
500.0	3.16	3.17	0.01	50.45	0.01	500.0	1.17	1.15	1.16
800.0	3.28	3.29	0.01	19.59	0.02	800.0	1.36	1.16	1.17
900.0	3.32	3.33	0.01	21.02	0.00	900.0	1.41	1.21	1.23
1000.0	3.30	3.31	0.02	25.22	0.02	1000.0	1.36	1.23	1.25
1100.0	3.25	3.27	0.02	38.05	0.01	1100.0	1.23	1.20	1.22
1200.0	3.22	3.24	0.03	28.26	0.02	1200.0	1.08	1.14	1.17
1300.0	3.25	3.28	0.03	22.39	0.03	1300.0	1.16	1.12	1.16
1400.0	3.34	3.37	0.03	20.20	0.06	1400.0	1.36	1.20	1.24
1500.0	3.45	3.48	0.03	20.03	0.06	1500.0	1.52	1.30	1.34
1800.0	3.38	3.42	0.04	34.53	0.08	1800.0	1.37	1.32	1.37
1900.0	3.32	3.37	0.05	28.97	0.08	1900.0	1.21	1.24	1.29
2000.0	3.35	3.40	0.05	23.43	0.08	2000.0	1.24	1.22	1.28
2100.0	3.45	3.50	0.05	21.35	0.12	2100.0	1.42	1.29	1.36
2200.0	3.55	3.61	0.06	21.31	0.16	2200.0	1.59	1.39	1.46
2300.0	3.60	3.66	0.06	23.00	0.19	2300.0	1.64	1.45	1.53
2400.0	3.56	3.63	0.07	27.08	0.27	2400.0	1.56	1.44	1.51
2500.0	3.47	3.54	0.07	33.79	0.30	2500.0	1.39	1.38	1.44
2800.0	3.50	3.59	0.09	23.13	0.33	2800.0	1.40	1.30	1.40
2900.0	3.56	3.66	0.10	23.97	0.38	2900.0	1.49	1.36	1.46
3000.0	3.56	3.66	0.11	26.76	0.49	3000.0	1.47	1.37	1.48
3100.0	3.52	3.63	0.11	28.43	0.57	3100.0	1.35	1.33	1.43
3200.0	3.49	3.59	0.10	23.90	0.69	3200.0	1.22	1.25	1.34
3300.0	3.49	3.58	0.09	20.51	0.76	3300.0	1.25	1.20	1.28
3400.0	3.59	3.67	0.08	18.77	0.77	3400.0	1.42	1.22	1.29
3500.0	3.71	3.79	0.08	18.48	0.74	3500.0	1.57	1.27	1.35
3800.0	3.78	3.89	0.11	23.65	0.85	3800.0	1.49	1.30	1.38
3900.0	3.77	3.88	0.11	21.92	1.05	3900.0	1.42	1.24	1.32
4000.0	3.73	3.81	0.09	19.24	1.14	4000.0	1.44	1.23	1.31
4100.0	3.76	3.84	0.07	17.94	1.15	4100.0	1.53	1.24	1.32
4200.0	3.80	3.86	0.06	17.92	1.13	4200.0	1.58	1.25	1.33
4300.0	3.78	3.84	0.06	19.26	1.12	4300.0	1.53	1.25	1.32
4400.0	3.71	3.77	0.07	22.50	1.07	4400.0	1.39	1.22	1.27
4500.0	3.64	3.71	0.07	28.21	1.07	4500.0	1.21	1.17	1.20
4800.0	3.90	3.96	0.06	20.76	1.22	4800.0	1.38	1.11	1.18
4900.0	3.93	3.99	0.06	19.85	1.32	4900.0	1.44	1.14	1.22
5000.0	3.80	3.84	0.05	21.10	1.34	5000.0	1.37	1.20	1.25
5100.0	3.74	3.78	0.04	24.75	1.34	5100.0	1.24	1.21	1.23
5200.0	3.70	3.74	0.04	26.43	1.38	5200.0	1.10	1.19	1.18
5300.0	3.72	3.75	0.03	22.47	1.43	5300.0	1.07	1.15	1.14
5400.0	3.77	3.79	0.02	19.63	1.45	5400.0	1.20	1.14	1.14
5500.0	3.83	3.85	0.01	18.61	1.51	5500.0	1.31	1.20	1.21
5800.0	3.89	3.87	0.02	23.49	1.28	5800.0	1.17	1.34	1.20
5900.0	4.04	4.04	0.00	19.63	1.17	5900.0	1.15	1.21	1.09
6000.0	4.25	4.26	0.01	15.80	1.18	6000.0	1.35	1.03	1.08
6100.0	4.62	4.63	0.01	13.33	1.11	6100.0	1.93	1.22	1.25
6200.0	5.31	5.34	0.03	11.62	0.95	6200.0	2.79	1.51	1.42
6300.0	6.19	6.25	0.07	10.34	0.92	6300.0	3.89	1.77	1.56
6400.0	7.12	7.22	0.10	9.15	1.05	6400.0	5.14	1.92	1.62
6500.0	8.02	8.15	0.13	8.05	1.25	6500.0	6.51	1.91	1.66

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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