

2 Way-0° Power Splitter/Combiner

ZN2PD-ED10318/1

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
450.0	3.31	3.34	0.02	14.72	0.10	450.0	1.52	1.16	1.15
475.0	3.27	3.30	0.03	15.52	0.02	475.0	1.48	1.15	1.15
500.0	3.27	3.29	0.03	16.40	0.02	500.0	1.43	1.15	1.15
525.0	3.27	3.29	0.02	17.32	0.05	525.0	1.38	1.14	1.14
550.0	3.21	3.24	0.03	18.23	0.09	550.0	1.34	1.13	1.13
575.0	3.22	3.25	0.03	19.25	0.02	575.0	1.30	1.12	1.12
600.0	3.23	3.24	0.01	20.30	0.01	600.0	1.26	1.11	1.11
625.0	3.22	3.25	0.03	21.39	0.11	625.0	1.22	1.10	1.10
650.0	3.18	3.20	0.02	22.50	0.00	650.0	1.19	1.09	1.09
675.0	3.18	3.20	0.02	23.73	0.02	675.0	1.15	1.08	1.07
700.0	3.21	3.23	0.02	24.98	0.02	700.0	1.13	1.06	1.06
750.0	3.18	3.21	0.03	27.63	0.03	750.0	1.08	1.03	1.02
800.0	3.19	3.22	0.02	30.42	0.02	800.0	1.08	1.02	1.02
850.0	3.21	3.23	0.02	32.96	0.03	850.0	1.12	1.06	1.07
900.0	3.24	3.26	0.03	33.75	0.07	900.0	1.18	1.11	1.11
1000.0	3.30	3.32	0.03	29.92	0.04	1000.0	1.31	1.21	1.22
1100.0	3.40	3.41	0.02	26.08	0.11	1100.0	1.40	1.30	1.30
1200.0	3.48	3.51	0.02	23.72	0.12	1200.0	1.38	1.32	1.32
1300.0	3.46	3.48	0.01	22.56	0.07	1300.0	1.25	1.27	1.27
1400.0	3.39	3.42	0.03	22.51	0.04	1400.0	1.08	1.18	1.18
1500.0	3.44	3.46	0.03	23.73	0.04	1500.0	1.23	1.21	1.21
1600.0	3.56	3.58	0.02	25.14	0.02	1600.0	1.46	1.30	1.30
1700.0	3.71	3.72	0.01	24.74	0.11	1700.0	1.57	1.34	1.34
1800.0	3.74	3.75	0.02	22.96	0.14	1800.0	1.48	1.27	1.26
1900.0	3.60	3.62	0.02	22.00	0.08	1900.0	1.28	1.16	1.14
2000.0	3.55	3.59	0.04	23.42	0.09	2000.0	1.26	1.24	1.23
2100.0	3.71	3.74	0.02	30.97	0.05	2100.0	1.39	1.44	1.44
2150.0	3.59	3.63	0.04	53.01	0.10	2150.0	1.39	1.50	1.50
2200.0	3.82	3.86	0.04	29.00	0.12	2200.0	1.30	1.52	1.53
2215.0	3.70	3.74	0.04	26.42	0.00	2215.0	1.25	1.53	1.54
2230.0	3.59	3.62	0.03	24.35	0.02	2230.0	1.21	1.52	1.53
2245.0	3.59	3.64	0.04	22.72	0.01	2245.0	1.15	1.52	1.53
2260.0	3.70	3.75	0.05	21.44	0.11	2260.0	1.10	1.51	1.52
2275.0	3.82	3.88	0.06	20.29	0.07	2275.0	1.05	1.51	1.51
2290.0	3.87	3.91	0.04	19.24	0.06	2290.0	1.07	1.50	1.51
2305.0	3.86	3.90	0.04	18.21	0.22	2305.0	1.15	1.52	1.51
2320.0	3.84	3.85	0.01	17.28	0.10	2320.0	1.24	1.54	1.53
2335.0	3.84	3.88	0.03	16.46	0.14	2335.0	1.35	1.57	1.56
2350.0	3.97	3.99	0.02	15.78	0.20	2350.0	1.49	1.62	1.61
2365.0	4.12	4.16	0.04	15.22	0.23	2365.0	1.64	1.68	1.66
2380.0	4.30	4.32	0.03	14.72	0.22	2380.0	1.81	1.76	1.73

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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