

2 Way-0° Power Splitter/Combiner

ZN2PD2-50+

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
500.0	3.23	3.22	0.01	18.20	0.34	500.0	1.29	1.10	1.10
800.0	3.25	3.24	0.01	23.38	0.23	800.0	1.22	1.15	1.15
1050.0	3.66	3.65	0.01	20.35	0.16	1050.0	1.30	1.15	1.15
1300.0	3.72	3.71	0.01	24.16	0.08	1300.0	1.32	1.15	1.17
1550.0	3.64	3.63	0.01	30.61	0.10	1550.0	1.18	1.13	1.15
1800.0	3.47	3.46	0.01	23.50	0.05	1800.0	1.17	1.07	1.04
1975.0	3.56	3.53	0.03	23.51	0.16	1975.0	1.29	1.12	1.11
2150.0	3.55	3.52	0.03	27.60	0.17	2150.0	1.30	1.15	1.17
2325.0	3.52	3.50	0.02	45.60	0.16	2325.0	1.15	1.09	1.13
2500.0	3.40	3.37	0.03	29.05	0.20	2500.0	1.06	1.03	1.02
2700.0	3.50	3.46	0.05	25.13	0.27	2700.0	1.25	1.11	1.09
2800.0	3.50	3.46	0.04	25.38	0.35	2800.0	1.29	1.13	1.12
2900.0	3.50	3.45	0.05	26.93	0.39	2900.0	1.26	1.13	1.12
3000.0	3.46	3.42	0.04	30.20	0.40	3000.0	1.20	1.10	1.10
3100.0	3.48	3.44	0.04	36.68	0.52	3100.0	1.10	1.05	1.05
3200.0	3.51	3.49	0.02	41.13	0.43	3200.0	1.01	1.01	1.01
3300.0	3.55	3.53	0.02	33.00	0.44	3300.0	1.10	1.04	1.05
3400.0	3.60	3.59	0.01	29.00	0.45	3400.0	1.19	1.08	1.09
3500.0	3.63	3.61	0.02	26.70	0.45	3500.0	1.25	1.10	1.12
3600.0	3.62	3.61	0.01	25.26	0.48	3600.0	1.28	1.10	1.12
3700.0	3.54	3.53	0.01	24.43	0.48	3700.0	1.27	1.09	1.11
3710.0	3.54	3.53	0.01	24.37	0.55	3710.0	1.26	1.09	1.10
3720.0	3.53	3.52	0.00	24.34	0.54	3720.0	1.26	1.09	1.10
3730.0	3.53	3.53	0.01	24.29	0.53	3730.0	1.26	1.08	1.10
3740.0	3.53	3.52	0.01	24.26	0.53	3740.0	1.25	1.08	1.09
3750.0	3.53	3.53	0.00	24.24	0.51	3750.0	1.25	1.08	1.09
3760.0	3.53	3.52	0.00	24.23	0.53	3760.0	1.25	1.08	1.09
3770.0	3.54	3.54	0.00	24.23	0.52	3770.0	1.24	1.08	1.09
3780.0	3.54	3.55	0.00	24.23	0.51	3780.0	1.24	1.07	1.09
3790.0	3.55	3.55	0.00	24.22	0.47	3790.0	1.23	1.07	1.08
3800.0	3.63	3.61	0.01	24.30	0.48	3800.0	1.22	1.07	1.08
3920.0	3.61	3.60	0.00	24.96	0.49	3920.0	1.15	1.04	1.05
4040.0	3.59	3.57	0.02	27.22	0.48	4040.0	1.09	1.02	1.05
4160.0	3.58	3.57	0.01	32.71	0.63	4160.0	1.04	1.01	1.06
4280.0	3.60	3.60	0.00	34.09	0.67	4280.0	1.04	1.01	1.06
4400.0	3.58	3.59	0.00	26.30	0.66	4400.0	1.08	1.01	1.07
4500.0	3.61	3.62	0.01	22.78	0.74	4500.0	1.11	1.02	1.08
4600.0	3.61	3.65	0.04	20.89	0.80	4600.0	1.13	1.04	1.10
4700.0	3.61	3.65	0.04	20.20	0.80	4700.0	1.15	1.05	1.12
4800.0	3.77	3.79	0.03	20.55	0.88	4800.0	1.14	1.07	1.15
5000.0	3.58	3.65	0.08	21.75	0.96	5000.0	1.09	1.11	1.22

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

