

2 Way-0° Power Splitter/Combiner

ZB2PD-63+

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR		
	S-1	S-2					S	(:1) 1	2
10.0	3.54	3.53	0.01	3.60	0.55	10.0	1.98	2.00	1.98
50.0	3.54	3.53	0.01	4.53	0.06	50.0	1.79	1.97	1.79
90.0	3.52	3.51	0.00	6.06	0.03	90.0	1.56	1.93	1.56
100.0	3.51	3.51	0.00	6.47	0.04	100.0	1.51	1.92	1.50
150.0	3.46	3.47	0.01	8.46	0.00	150.0	1.30	1.84	1.30
200.0	3.41	3.42	0.01	10.38	0.05	200.0	1.17	1.75	1.17
250.0	3.34	3.35	0.01	12.32	0.06	250.0	1.08	1.64	1.09
300.0	3.28	3.29	0.01	14.45	0.08	300.0	1.06	1.53	1.06
350.0	3.23	3.23	0.01	17.00	0.08	350.0	1.09	1.43	1.09
400.0	3.18	3.19	0.01	20.35	0.09	400.0	1.12	1.34	1.12
500.0	3.13	3.14	0.01	35.93	0.11	500.0	1.15	1.18	1.15
600.0	3.11	3.12	0.01	26.85	0.12	600.0	1.13	1.07	1.12
700.0	3.13	3.13	0.01	21.82	0.14	700.0	1.07	1.09	1.07
800.0	3.15	3.16	0.01	21.06	0.16	800.0	1.09	1.15	1.08
900.0	3.17	3.18	0.01	23.02	0.19	900.0	1.15	1.19	1.14
1000.0	3.17	3.18	0.01	28.44	0.21	1000.0	1.18	1.17	1.18
1200.0	3.17	3.18	0.01	23.85	0.26	1200.0	1.12	1.07	1.11
1400.0	3.23	3.24	0.01	20.24	0.30	1400.0	1.06	1.23	1.06
1600.0	3.23	3.24	0.01	26.05	0.37	1600.0	1.14	1.21	1.13
1800.0	3.22	3.23	0.01	29.26	0.43	1800.0	1.09	1.12	1.08
2000.0	3.26	3.27	0.00	21.95	0.50	2000.0	1.03	1.22	1.04
2500.0	3.28	3.27	0.01	22.59	0.72	2500.0	1.07	1.09	1.07
2700.0	3.32	3.30	0.02	22.99	0.77	2700.0	1.15	1.19	1.17
3000.0	3.35	3.32	0.03	36.64	0.74	3000.0	1.21	1.23	1.26
3200.0	3.35	3.32	0.03	28.51	0.69	3200.0	1.16	1.08	1.21
3400.0	3.36	3.33	0.02	30.38	0.64	3400.0	1.19	1.13	1.22
3600.0	3.36	3.35	0.02	26.45	0.71	3600.0	1.15	1.09	1.16
3700.0	3.37	3.36	0.01	25.29	0.70	3700.0	1.12	1.03	1.13
3800.0	3.36	3.37	0.00	25.45	0.72	3800.0	1.11	1.02	1.12
3900.0	3.37	3.37	0.00	26.66	0.81	3900.0	1.12	1.04	1.12
4000.0	3.38	3.38	0.00	27.59	0.83	4000.0	1.11	1.03	1.10
4500.0	3.43	3.44	0.00	44.56	1.08	4500.0	1.15	1.12	1.15
5000.0	3.69	3.66	0.02	32.45	1.33	5000.0	1.35	1.37	1.35
5500.0	3.58	3.52	0.06	30.77	1.64	5500.0	1.32	1.28	1.33
5800.0	3.74	3.63	0.10	19.25	1.82	5800.0	1.35	1.43	1.34
5900.0	3.75	3.61	0.13	17.33	1.77	5900.0	1.35	1.30	1.35
6000.0	3.68	3.53	0.15	16.13	1.64	6000.0	1.45	1.33	1.45
6500.0	4.08	4.08	0.00	7.34	1.42	6500.0	1.26	2.07	1.20
7000.0	4.00	3.80	0.20	12.55	2.47	7000.0	1.16	1.68	1.16
8000.0	4.96	4.69	0.28	33.09	0.21	8000.0	2.54	2.61	2.60

¹Total Loss = Insertion Loss + 3dB Splitter Loss

