

3 Way-0° Power Splitter/Combiner

ZB3PD1-222+

Typical Performance Data

FREQ.	TOTAL LOSS ¹			AMP. UNBAL.	ISOLATION			FREQ.	VSWR			
(MHz)	(dB)			(dB)	(dB)			(MHz)	(:1)			
	S-1	S-2	S-3		1-2	1-3	2-3		S	1	2	3
100.0	6.00	6.04	5.96	0.08	5.39	5.59	5.54	100.0	2.85	2.20	2.27	2.15
200.0	5.82	5.90	5.77	0.14	9.90	9.05	9.75	200.0	2.66	1.68	1.73	1.65
300.0	5.57	5.68	5.51	0.17	14.51	12.65	14.85	300.0	2.43	1.36	1.41	1.32
400.0	5.31	5.43	5.25	0.18	17.25	15.52	18.43	400.0	2.13	1.18	1.20	1.18
500.0	5.09	5.21	5.05	0.16	20.07	17.97	21.78	500.0	1.72	1.15	1.16	1.14
550.0	5.01	5.13	4.97	0.16	21.97	19.36	24.13	550.0	1.57	1.15	1.17	1.11
600.0	4.95	5.07	4.92	0.15	24.39	21.03	27.60	600.0	1.40	1.09	1.13	1.03
650.0	4.91	5.03	4.89	0.14	27.30	23.12	33.81	650.0	1.28	1.08	1.12	1.03
700.0	4.90	5.01	4.87	0.14	29.43	25.74	45.53	700.0	1.19	1.06	1.11	1.03
750.0	4.90	5.00	4.87	0.13	28.71	28.84	32.35	750.0	1.11	1.09	1.09	1.06
800.0	4.91	5.00	4.87	0.13	26.68	31.00	27.31	800.0	1.12	1.08	1.12	1.04
900.0	4.94	5.01	4.90	0.11	23.76	27.72	23.12	900.0	1.24	1.03	1.13	1.07
1000.0	4.99	5.01	4.93	0.08	22.35	24.56	22.02	1000.0	1.34	1.09	1.08	1.07
1100.0	5.02	5.00	4.94	0.07	21.94	23.38	22.38	1100.0	1.34	1.12	1.06	1.06
1200.0	5.04	4.98	4.96	0.08	22.77	23.56	23.87	1200.0	1.29	1.07	1.05	1.11
1300.0	5.09	4.99	5.00	0.10	25.43	24.95	27.10	1300.0	1.22	1.14	1.15	1.14
1400.0	5.10	4.97	5.02	0.13	29.82	27.96	34.10	1400.0	1.13	1.14	1.14	1.14
1500.0	5.11	4.94	5.04	0.17	31.68	34.53	33.67	1500.0	1.09	1.14	1.15	1.30
1550.0	5.14	4.95	5.08	0.19	30.40	41.27	29.68	1550.0	1.10	1.06	1.07	1.25
1600.0	5.14	4.93	5.08	0.21	28.86	40.86	27.00	1600.0	1.12	1.09	1.10	1.24
1650.0	5.12	4.91	5.08	0.21	27.60	34.60	25.27	1650.0	1.18	1.05	1.01	1.23
1700.0	5.14	4.90	5.08	0.24	26.78	30.93	24.18	1700.0	1.18	1.05	1.08	1.08
1750.0	5.14	4.89	5.09	0.26	26.49	28.64	23.51	1750.0	1.20	1.10	1.05	1.12
1800.0	5.16	4.88	5.10	0.28	26.92	27.17	23.33	1800.0	1.22	1.08	1.07	1.03
1850.0	5.18	4.89	5.11	0.29	28.21	26.24	23.56	1850.0	1.21	1.21	1.07	1.05
1900.0	5.21	4.90	5.13	0.31	30.55	25.78	24.40	1900.0	1.23	1.22	1.04	1.08
1950.0	5.23	4.91	5.14	0.32	32.07	25.70	25.92	1950.0	1.21	1.19	1.06	1.15
2000.0	5.30	4.93	5.16	0.36	29.40	26.04	28.37	2000.0	1.18	1.25	1.10	1.24
2050.0	5.31	4.95	5.17	0.36	25.45	26.79	30.73	2050.0	1.20	1.12	1.18	1.42
2100.0	5.36	4.98	5.18	0.38	22.06	27.87	29.32	2100.0	1.20	1.18	1.11	1.41
2150.0	5.43	5.02	5.16	0.41	19.35	28.81	25.63	2150.0	1.21	1.14	1.18	1.53
2200.0	5.45	5.06	5.16	0.39	17.00	28.41	22.43	2200.0	1.28	1.19	1.12	1.53
2250.0	5.54	5.13	5.13	0.41	14.97	26.49	19.93	2250.0	1.33	1.23	1.04	1.45
2300.0	5.56	5.18	5.10	0.47	13.20	24.01	17.76	2300.0	1.43	1.20	1.06	1.61
2400.0	5.78	5.38	5.08	0.70	10.50	20.41	14.04	2400.0	1.72	1.17	1.19	1.78
2500.0	6.11	5.70	5.07	1.04	9.24	18.85	10.83	2500.0	2.32	1.26	1.03	1.68
2600.0	6.80	6.30	5.22	1.58	9.73	18.47	8.35	2600.0	3.15	1.41	1.24	1.56
2650.0	7.40	6.81	5.38	2.02	10.72	18.30	7.46	2650.0	3.44	1.69	1.24	1.53
2700.0	8.15	7.43	5.55	2.60	12.20	17.71	6.67	2700.0	3.78	1.95	1.40	1.53

¹ Total Loss = Insertion Loss+ 4.8dB Splitter Loss

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