

4 Way-0° Power Splitter/Combiner

ZB4PD-ED11639/1

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-3	S-4		1-2	2-3	3-4			S	1	2	3	4
400.0	6.24	6.27	6.25	6.27	0.02	13.31	18.29	13.32	0.61	400.0	1.19	1.12	1.13	1.12	1.13
450.0	6.33	6.35	6.34	6.35	0.03	15.14	19.38	15.18	0.67	450.0	1.35	1.11	1.12	1.11	1.12
500.0	6.43	6.45	6.44	6.45	0.03	16.59	20.64	16.65	0.72	500.0	1.50	1.09	1.10	1.09	1.10
550.0	6.50	6.52	6.52	6.53	0.03	17.69	22.07	17.79	0.78	550.0	1.61	1.07	1.07	1.07	1.07
600.0	6.54	6.56	6.55	6.57	0.03	18.75	23.68	18.88	0.83	600.0	1.64	1.04	1.04	1.04	1.04
640.0	6.53	6.55	6.54	6.56	0.03	19.79	25.11	19.95	0.88	640.0	1.61	1.04	1.03	1.04	1.03
660.0	6.51	6.53	6.53	6.54	0.03	20.44	25.87	20.60	0.92	660.0	1.58	1.04	1.03	1.04	1.03
680.0	6.50	6.52	6.51	6.52	0.03	21.19	26.68	21.36	0.94	680.0	1.54	1.04	1.03	1.05	1.04
700.0	6.47	6.49	6.49	6.50	0.03	22.07	27.52	22.25	0.97	700.0	1.50	1.05	1.04	1.05	1.04
720.0	6.45	6.47	6.46	6.48	0.02	23.10	28.39	23.29	1.00	720.0	1.45	1.05	1.04	1.05	1.05
740.0	6.43	6.44	6.44	6.45	0.02	24.31	29.29	24.49	1.03	740.0	1.40	1.05	1.05	1.06	1.05
760.0	6.41	6.42	6.42	6.43	0.02	25.71	30.20	25.87	1.06	760.0	1.35	1.05	1.05	1.06	1.05
780.0	6.39	6.41	6.41	6.42	0.02	27.30	31.10	27.41	1.09	780.0	1.30	1.05	1.05	1.05	1.06
800.0	6.38	6.39	6.39	6.40	0.02	29.02	31.94	29.02	1.12	800.0	1.25	1.05	1.05	1.05	1.05
900.0	6.38	6.39	6.39	6.40	0.03	29.96	33.46	29.57	1.26	900.0	1.15	1.01	1.02	1.01	1.02
1000.0	6.44	6.45	6.45	6.46	0.02	25.87	31.39	26.04	1.39	1000.0	1.23	1.05	1.04	1.05	1.04
1100.0	6.47	6.47	6.48	6.49	0.03	24.50	29.84	24.93	1.56	1100.0	1.23	1.10	1.09	1.11	1.09
1200.0	6.47	6.48	6.48	6.50	0.03	24.01	29.45	24.35	1.76	1200.0	1.11	1.15	1.14	1.15	1.13
1300.0	6.51	6.52	6.53	6.54	0.03	24.49	30.17	24.51	1.99	1300.0	1.08	1.20	1.19	1.18	1.18
1400.0	6.58	6.58	6.61	6.62	0.04	26.91	31.97	26.54	2.24	1400.0	1.21	1.23	1.24	1.23	1.23
1500.0	6.62	6.63	6.66	6.68	0.05	31.54	35.00	30.74	2.50	1500.0	1.27	1.23	1.24	1.23	1.24
1600.0	6.64	6.65	6.71	6.70	0.07	34.73	39.50	34.09	2.74	1600.0	1.23	1.18	1.19	1.18	1.20
1700.0	6.68	6.71	6.78	6.76	0.10	35.32	43.37	33.57	2.74	1700.0	1.16	1.12	1.12	1.12	1.14
1800.0	6.70	6.70	6.79	6.79	0.09	30.26	40.54	29.21	2.91	1800.0	1.09	1.09	1.09	1.09	1.11
1900.0	6.76	6.75	6.85	6.85	0.10	25.15	36.58	25.25	3.13	1900.0	1.11	1.09	1.08	1.07	1.08
2000.0	6.81	6.80	6.91	6.91	0.11	23.76	33.07	24.33	3.44	2000.0	1.20	1.11	1.08	1.09	1.07
2100.0	6.87	6.86	6.99	6.98	0.13	26.18	30.25	26.88	3.79	2100.0	1.23	1.15	1.12	1.13	1.11
2200.0	6.92	6.91	7.07	7.06	0.16	28.58	27.88	27.28	4.26	2200.0	1.18	1.16	1.15	1.14	1.14
2220.0	6.93	6.92	7.09	7.08	0.17	26.71	27.49	25.50	4.37	2220.0	1.17	1.15	1.15	1.13	1.14
2240.0	6.94	6.94	7.12	7.09	0.18	24.64	27.12	23.65	4.48	2240.0	1.15	1.15	1.15	1.12	1.13
2260.0	6.95	6.95	7.14	7.12	0.19	22.67	26.78	21.88	4.59	2260.0	1.13	1.13	1.14	1.11	1.12
2280.0	6.97	6.97	7.17	7.15	0.20	20.89	26.49	20.26	4.71	2280.0	1.12	1.12	1.14	1.09	1.11
2300.0	6.99	6.99	7.21	7.18	0.22	19.30	26.23	18.78	4.83	2300.0	1.11	1.10	1.12	1.07	1.09
2320.0	7.01	7.02	7.26	7.22	0.24	17.89	26.03	17.45	4.96	2320.0	1.11	1.09	1.11	1.05	1.08
2340.0	7.05	7.06	7.31	7.28	0.26	16.61	25.88	16.24	5.07	2340.0	1.14	1.07	1.10	1.04	1.07
2360.0	7.10	7.11	7.39	7.36	0.29	15.47	25.79	15.14	5.17	2360.0	1.19	1.07	1.10	1.06	1.07
2400.0	7.28	7.29	7.62	7.59	0.35	13.49	25.78	13.23	5.33	2400.0	1.36	1.11	1.12	1.13	1.12
2450.0	7.64	7.65	8.07	8.04	0.42	11.50	26.11	11.34	5.46	2450.0	1.72	1.21	1.21	1.26	1.24
2500.0	8.31	8.31	8.81	8.79	0.51	9.96	27.06	9.93	5.48	2500.0	2.33	1.37	1.36	1.44	1.42
2550.0	9.31	9.32	9.90	9.88	0.59	8.88	28.54	9.00	5.34	2550.0	3.24	1.57	1.55	1.65	1.64
2600.0	10.54	10.55	11.20	11.19	0.66	8.23	30.36	8.48	5.02	2600.0	4.42	1.79	1.77	1.89	1.88

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2

ZB4PD-ED11639/1

100707

Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see

