

8 Way-0° Power Splitter/Combiner ZB8PD-ED10689/1

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	S-6	S-8		1-2	1-8	3-4	6-7			S	1	8
1660.0	10.08	10.04	9.98	9.95	10.06	9.98	0.13	21.53	19.73	21.96	21.88	1.03	1660.0	1.62	1.10	1.13
1700.0	9.90	9.84	9.80	9.76	9.87	9.76	0.14	23.23	20.56	23.75	23.58	1.15	1700.0	1.37	1.07	1.11
1740.0	9.92	9.87	9.81	9.76	9.87	9.77	0.16	25.51	21.56	26.09	25.87	1.19	1740.0	1.18	1.07	1.10
1780.0	9.89	9.83	9.76	9.73	9.81	9.67	0.22	28.22	22.45	28.87	28.58	1.40	1780.0	1.06	1.07	1.09
1820.0	9.96	9.88	9.83	9.79	9.87	9.73	0.22	31.79	23.43	32.18	32.03	1.30	1820.0	1.10	1.09	1.09
1860.0	10.05	9.98	9.92	9.89	9.92	9.76	0.29	36.02	24.43	34.79	35.63	1.63	1860.0	1.17	1.12	1.11
1900.0	10.07	9.98	9.95	9.92	9.92	9.76	0.30	37.18	25.36	33.88	35.99	1.70	1900.0	1.20	1.15	1.12
1930.0	10.19	10.10	10.13	10.07	10.03	9.83	0.36	34.89	26.29	31.77	34.10	1.87	1930.0	1.21	1.16	1.13
1960.0	10.19	10.05	10.16	10.06	10.00	9.80	0.39	32.50	27.22	29.62	31.96	1.45	1960.0	1.21	1.18	1.14
1990.0	10.20	10.03	10.21	10.07	10.01	9.81	0.40	30.71	28.16	28.03	30.20	1.23	1990.0	1.18	1.20	1.15
2020.0	10.21	10.01	10.21	10.07	10.03	9.81	0.40	29.41	28.92	26.91	28.81	1.40	2020.0	1.13	1.21	1.16
2050.0	10.18	9.99	10.19	10.05	10.04	9.80	0.39	28.31	29.46	26.05	27.71	1.25	2050.0	1.08	1.21	1.16
2080.0	10.18	10.03	10.22	10.10	10.10	9.83	0.40	27.58	29.77	25.50	26.86	1.20	2080.0	1.04	1.21	1.15
2110.0	10.13	9.96	10.13	10.02	10.05	9.78	0.35	26.86	29.72	25.01	26.14	1.45	2110.0	1.01	1.20	1.15
2140.0	10.12	9.99	10.11	10.04	10.10	9.78	0.33	26.44	29.48	24.81	25.75	1.41	2140.0	1.06	1.19	1.13
2170.0	10.21	10.09	10.19	10.15	10.18	9.84	0.37	26.29	29.16	24.83	25.63	1.66	2170.0	1.10	1.17	1.12
2200.0	10.15	10.04	10.09	10.06	10.10	9.81	0.33	26.18	28.46	24.81	25.51	1.74	2200.0	1.14	1.15	1.10
2240.0	10.24	10.14	10.18	10.17	10.21	9.89	0.35	26.60	27.38	25.28	25.88	1.68	2240.0	1.18	1.12	1.07
2280.0	10.31	10.19	10.21	10.24	10.25	9.97	0.34	27.71	26.02	26.19	26.66	1.69	2280.0	1.21	1.08	1.03
2320.0	10.32	10.23	10.26	10.32	10.31	10.03	0.36	29.72	24.52	27.78	28.10	1.48	2320.0	1.23	1.04	1.02
2360.0	10.48	10.34	10.41	10.46	10.45	10.17	0.42	33.19	23.19	30.55	30.45	2.07	2360.0	1.28	1.02	1.05
2400.0	10.60	10.47	10.56	10.65	10.63	10.34	0.44	34.99	21.94	34.00	33.46	1.42	2400.0	1.40	1.06	1.09
2440.0	10.78	10.63	10.80	10.91	10.85	10.55	0.52	29.90	20.89	32.63	33.30	1.51	2440.0	1.61	1.11	1.13

¹ Total Loss = Insertion Loss+ 9dB Splitter Loss

REV. X2

ZB8PD-ED10689/1

100714

Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 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

