

8 Way Power Splitter/Combiner

ZB8PD-2000+

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	2-3	3-4	5-6			S	1	8
800	9.52	9.56	9.55	9.54	9.49	9.49	0.07	32.53	33.61	32.18	31.04	1.34	800	1.39	1.09	1.11
850	9.46	9.50	9.50	9.48	9.44	9.43	0.07	32.07	32.95	31.29	30.12	1.39	850	1.24	1.09	1.10
900	9.43	9.48	9.48	9.45	9.42	9.41	0.07	30.29	31.11	29.75	28.56	1.42	900	1.12	1.08	1.09
950	9.44	9.49	9.49	9.45	9.43	9.41	0.08	29.09	30.16	29.09	27.59	1.43	950	1.06	1.08	1.09
1000	9.45	9.51	9.51	9.46	9.45	9.43	0.08	28.39	29.88	29.07	27.08	1.42	1000	1.08	1.09	1.09
1050	9.47	9.53	9.53	9.47	9.47	9.45	0.08	27.42	29.11	28.63	26.40	1.41	1050	1.10	1.09	1.08
1100	9.49	9.55	9.55	9.50	9.50	9.47	0.08	26.10	27.60	27.29	25.35	1.40	1100	1.14	1.09	1.08
1150	9.52	9.59	9.59	9.53	9.54	9.51	0.09	25.05	26.29	25.99	24.43	1.39	1150	1.20	1.08	1.06
1200	9.55	9.63	9.63	9.57	9.58	9.53	0.10	24.83	25.88	25.50	24.21	1.37	1200	1.25	1.07	1.05
1250	9.57	9.65	9.66	9.59	9.60	9.54	0.12	25.61	26.42	25.98	24.90	1.33	1250	1.26	1.06	1.03
1300	9.56	9.65	9.68	9.60	9.60	9.53	0.14	27.34	27.61	27.22	26.57	1.25	1300	1.24	1.05	1.03
1350	9.56	9.66	9.70	9.61	9.61	9.53	0.16	29.54	28.55	28.56	28.99	1.16	1350	1.24	1.06	1.03
1400	9.59	9.69	9.74	9.66	9.66	9.56	0.18	31.09	28.70	29.19	31.39	1.10	1400	1.29	1.07	1.04
1450	9.63	9.72	9.79	9.70	9.71	9.60	0.19	32.35	28.99	29.78	33.55	1.08	1450	1.36	1.07	1.05
1500	9.62	9.73	9.80	9.71	9.72	9.60	0.20	35.80	30.92	31.91	37.65	1.13	1500	1.36	1.06	1.04
1550	9.59	9.70	9.77	9.67	9.69	9.56	0.20	50.89	36.85	38.49	43.27	1.17	1550	1.26	1.06	1.04
1600	9.55	9.66	9.73	9.63	9.65	9.52	0.22	35.33	47.41	43.64	33.62	1.22	1600	1.12	1.08	1.07
1650	9.57	9.68	9.75	9.65	9.66	9.53	0.23	29.11	33.07	32.54	28.52	1.35	1650	1.13	1.12	1.11
1700	9.64	9.76	9.83	9.72	9.73	9.59	0.23	26.54	29.26	29.04	26.22	1.47	1700	1.28	1.16	1.15
1750	9.71	9.82	9.90	9.78	9.80	9.66	0.24	26.06	28.57	28.43	25.78	1.63	1750	1.38	1.17	1.17
1800	9.70	9.82	9.90	9.78	9.80	9.65	0.25	27.41	30.48	30.36	27.09	1.80	1800	1.36	1.16	1.17
1850	9.64	9.75	9.85	9.72	9.75	9.59	0.26	31.32	36.85	36.38	30.77	2.04	1850	1.21	1.13	1.15
1900	9.60	9.72	9.83	9.69	9.73	9.56	0.27	41.34	45.00	42.05	39.29	2.27	1900	1.07	1.10	1.11
1950	9.65	9.77	9.89	9.75	9.80	9.60	0.29	40.63	33.36	33.18	44.69	2.51	1950	1.24	1.09	1.11
2000	9.75	9.87	10.01	9.86	9.91	9.69	0.32	32.69	29.55	29.70	35.35	2.77	2000	1.42	1.12	1.13

¹Total Loss = Insertion Loss + 9dB Splitter Loss



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



IF/RF MICROWAVE COMPONENTS

REV. A
ZB8PD-2000+
1/11/2023
Page 1 of 1