

8 Way-0° Power Splitter/Combiner

ZB8PD-252+

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	1-3	3-4	6-7			S	1	8
1550.0	9.85	9.83	9.90	9.94	9.94	9.97	0.14	22.53	21.59	22.15	21.46	2.07	1550.0	1.89	1.18	1.20
1560.0	9.81	9.80	9.88	9.90	9.92	9.93	0.14	22.92	21.78	22.43	21.65	2.09	1560.0	1.84	1.17	1.19
1570.0	9.77	9.76	9.84	9.86	9.88	9.90	0.14	23.27	21.97	22.81	21.84	2.08	1570.0	1.80	1.17	1.19
1580.0	9.75	9.74	9.82	9.83	9.85	9.87	0.12	23.68	22.23	23.17	22.07	2.06	1580.0	1.75	1.16	1.18
1590.0	9.72	9.71	9.79	9.80	9.82	9.84	0.13	24.07	22.45	23.53	22.30	2.02	1590.0	1.70	1.16	1.18
1600.0	9.69	9.67	9.76	9.78	9.79	9.81	0.14	24.45	22.66	23.91	22.50	2.17	1600.0	1.66	1.15	1.17
1650.0	9.57	9.56	9.65	9.68	9.67	9.68	0.14	26.76	24.00	26.04	23.81	2.24	1650.0	1.47	1.13	1.15
1700.0	9.50	9.49	9.58	9.60	9.60	9.60	0.11	28.84	25.58	28.07	25.28	2.20	1700.0	1.33	1.12	1.13
1750.0	9.45	9.44	9.55	9.55	9.56	9.55	0.12	29.74	27.65	29.07	27.09	2.30	1750.0	1.23	1.11	1.12
1800.0	9.44	9.42	9.54	9.55	9.54	9.53	0.13	29.37	29.96	28.94	29.16	2.35	1800.0	1.17	1.11	1.12
1850.0	9.44	9.44	9.56	9.55	9.53	9.55	0.12	28.82	33.14	28.50	31.52	2.47	1850.0	1.17	1.12	1.12
1900.0	9.44	9.43	9.57	9.56	9.54	9.54	0.13	28.65	36.75	28.29	34.00	2.55	1900.0	1.18	1.14	1.13
1950.0	9.45	9.45	9.60	9.58	9.55	9.55	0.15	29.15	41.55	28.50	36.25	2.54	1950.0	1.20	1.15	1.14
2000.0	9.46	9.45	9.60	9.59	9.56	9.55	0.15	30.05	45.30	29.13	37.86	2.67	2000.0	1.21	1.16	1.15
2050.0	9.46	9.46	9.61	9.60	9.57	9.56	0.16	31.28	44.07	29.74	38.29	2.52	2050.0	1.21	1.17	1.16
2100.0	9.48	9.48	9.62	9.62	9.58	9.57	0.14	32.32	42.59	30.09	38.88	2.64	2100.0	1.21	1.18	1.17
2150.0	9.48	9.49	9.64	9.62	9.60	9.57	0.16	32.04	41.54	29.62	39.86	2.74	2150.0	1.20	1.18	1.17
2200.0	9.49	9.50	9.65	9.64	9.61	9.57	0.16	30.84	39.96	28.71	40.84	2.70	2200.0	1.19	1.18	1.18
2250.0	9.48	9.50	9.66	9.63	9.62	9.60	0.18	29.52	38.12	27.64	40.74	2.79	2250.0	1.19	1.18	1.18
2300.0	9.51	9.55	9.69	9.65	9.67	9.63	0.17	28.37	35.64	26.54	38.65	2.74	2300.0	1.22	1.19	1.18
2350.0	9.54	9.59	9.73	9.69	9.71	9.66	0.19	27.35	32.96	25.64	35.12	2.87	2350.0	1.28	1.19	1.18
2400.0	9.60	9.64	9.81	9.76	9.79	9.73	0.21	26.28	30.34	24.78	31.99	2.88	2400.0	1.38	1.20	1.19
2450.0	9.69	9.74	9.93	9.88	9.90	9.81	0.24	25.19	28.33	23.96	29.54	3.14	2450.0	1.51	1.21	1.20
2500.0	9.79	9.85	10.05	10.01	10.02	9.93	0.26	23.91	26.43	22.93	27.49	3.20	2500.0	1.67	1.22	1.21

¹Total Loss = Insertion Loss + 9dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS



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 ZB8PD-252+
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