

8 Way-0° Power Splitter/Combiner

ZB8PD-2+

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	1-7	3-4	5-7			S	1	8
1000.0	9.27	9.46	9.44	9.18	9.45	9.13	0.33	25.90	35.39	24.95	30.81	3.56	1000.0	1.20	1.31	1.24
1025.0	9.37	9.54	9.51	9.30	9.52	9.24	0.30	26.09	36.71	25.06	30.12	3.88	1025.0	1.25	1.32	1.25
1050.0	9.39	9.54	9.54	9.33	9.54	9.26	0.28	26.19	38.19	25.10	29.28	3.50	1050.0	1.27	1.32	1.25
1075.0	9.30	9.50	9.48	9.20	9.49	9.16	0.34	26.07	39.77	25.02	28.40	3.95	1075.0	1.31	1.30	1.24
1100.0	9.34	9.49	9.50	9.27	9.49	9.21	0.29	26.01	41.70	24.98	27.80	4.24	1100.0	1.36	1.29	1.23
1125.0	9.48	9.60	9.58	9.42	9.57	9.35	0.25	25.83	44.14	24.89	27.36	4.13	1125.0	1.40	1.28	1.23
1150.0	9.41	9.59	9.58	9.35	9.57	9.29	0.30	25.36	46.83	24.55	26.76	3.96	1150.0	1.41	1.28	1.24
1175.0	9.44	9.61	9.60	9.39	9.58	9.34	0.27	25.03	49.81	24.29	26.50	4.69	1175.0	1.44	1.25	1.23
1200.0	9.37	9.48	9.47	9.32	9.47	9.27	0.21	24.71	51.26	24.05	26.34	4.58	1200.0	1.48	1.23	1.22
1225.0	9.45	9.58	9.56	9.43	9.57	9.35	0.23	24.37	49.73	23.83	26.22	4.54	1225.0	1.47	1.24	1.24
1250.0	9.50	9.65	9.64	9.46	9.63	9.40	0.25	23.97	47.24	23.46	26.07	4.75	1250.0	1.45	1.23	1.25
1275.0	9.46	9.54	9.54	9.43	9.55	9.37	0.18	23.78	45.36	23.24	26.12	4.89	1275.0	1.47	1.21	1.24
1300.0	9.38	9.44	9.45	9.36	9.48	9.30	0.18	23.50	43.71	23.05	26.12	4.88	1300.0	1.45	1.22	1.25
1325.0	9.53	9.57	9.60	9.51	9.60	9.43	0.20	23.24	42.23	22.78	26.12	5.03	1325.0	1.41	1.24	1.28
1350.0	9.52	9.57	9.57	9.53	9.60	9.44	0.19	23.00	41.19	22.52	26.11	5.08	1350.0	1.40	1.22	1.28
1375.0	9.46	9.50	9.51	9.48	9.52	9.36	0.19	22.81	40.40	22.33	26.07	5.27	1375.0	1.40	1.23	1.29
1400.0	9.54	9.57	9.60	9.56	9.61	9.46	0.21	22.56	39.63	22.11	25.91	5.37	1400.0	1.38	1.25	1.32
1425.0	9.61	9.59	9.63	9.63	9.66	9.51	0.24	22.34	39.04	21.84	25.73	5.49	1425.0	1.38	1.25	1.32
1450.0	9.55	9.58	9.60	9.58	9.60	9.45	0.24	22.12	38.61	21.65	25.42	5.55	1450.0	1.42	1.25	1.32
1475.0	9.70	9.66	9.69	9.75	9.70	9.59	0.25	22.02	38.30	21.54	25.14	5.64	1475.0	1.45	1.26	1.33
1500.0	9.69	9.63	9.67	9.74	9.68	9.58	0.26	21.90	37.95	21.39	24.76	5.64	1500.0	1.47	1.25	1.32
1525.0	9.64	9.63	9.65	9.70	9.65	9.51	0.26	21.82	37.67	21.36	24.33	5.61	1525.0	1.51	1.24	1.30
1550.0	9.76	9.71	9.76	9.81	9.71	9.59	0.30	21.94	37.62	21.47	24.03	5.91	1550.0	1.55	1.24	1.29
1575.0	9.75	9.66	9.69	9.84	9.67	9.62	0.40	22.15	37.55	21.59	23.70	5.48	1575.0	1.56	1.22	1.26
1600.0	9.65	9.58	9.62	9.72	9.60	9.49	0.31	22.36	37.42	21.83	23.32	5.77	1600.0	1.54	1.19	1.23
1625.0	9.69	9.64	9.67	9.74	9.60	9.50	0.30	22.81	37.50	22.28	23.11	5.93	1625.0	1.54	1.17	1.20
1650.0	9.75	9.64	9.66	9.78	9.59	9.56	0.37	23.47	37.51	22.87	23.05	6.05	1650.0	1.53	1.14	1.17
1675.0	9.72	9.54	9.58	9.78	9.54	9.54	0.45	24.22	37.69	23.51	22.92	5.38	1675.0	1.49	1.11	1.14
1700.0	9.61	9.52	9.53	9.67	9.49	9.43	0.37	25.04	37.67	24.38	22.85	5.41	1700.0	1.43	1.07	1.11
1725.0	9.65	9.53	9.56	9.69	9.51	9.45	0.38	26.21	37.94	25.48	23.07	5.79	1725.0	1.43	1.06	1.11
1750.0	9.68	9.50	9.53	9.74	9.48	9.52	0.44	27.39	38.09	26.67	23.27	6.26	1750.0	1.41	1.05	1.11
1775.0	9.73	9.50	9.53	9.77	9.53	9.59	0.49	28.60	38.11	27.97	23.55	5.78	1775.0	1.35	1.04	1.11
1800.0	9.62	9.43	9.46	9.65	9.45	9.50	0.43	29.70	38.29	29.32	23.96	5.38	1800.0	1.37	1.07	1.15
1825.0	9.63	9.46	9.46	9.66	9.47	9.50	0.47	30.65	38.35	30.63	24.59	5.67	1825.0	1.38	1.08	1.15
1850.0	9.73	9.52	9.53	9.77	9.57	9.59	0.49	31.12	38.12	31.73	25.24	5.90	1850.0	1.33	1.09	1.16
1875.0	9.74	9.47	9.50	9.78	9.52	9.63	0.55	31.32	37.96	32.33	26.02	5.78	1875.0	1.33	1.12	1.19
1900.0	9.67	9.41	9.43	9.68	9.46	9.56	0.53	31.29	37.48	32.57	26.93	5.48	1900.0	1.34	1.12	1.18
1925.0	9.76	9.53	9.55	9.78	9.58	9.63	0.52	31.10	37.02	32.35	27.84	5.55	1925.0	1.34	1.13	1.19
1950.0	9.81	9.61	9.62	9.85	9.66	9.67	0.52	30.65	36.41	31.63	28.66	5.65	1950.0	1.33	1.15	1.21
1975.0	9.84	9.55	9.56	9.88	9.58	9.70	0.57	29.99	35.64	30.43	29.15	5.76	1975.0	1.37	1.16	1.22
2000.0	9.94	9.65	9.68	9.99	9.69	9.80	0.59	28.97	35.04	28.95	29.20	5.20	2000.0	1.45	1.18	1.24

¹ Total Loss = Insertion Loss+ 9dB Splitter Loss

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