

8 Way-0° Power Splitter/Combiner

ZB8PD-362+

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-5	S-8		1-2	1-3	3-4	5-6			S	1	8
600.0	9.44	9.41	9.41	9.44	9.42	9.45	0.05	18.77	24.61	18.75	18.60	1.01	600.0	1.28	1.07	1.06
620.0	9.49	9.46	9.45	9.49	9.47	9.50	0.06	19.93	24.86	19.96	19.80	1.05	620.0	1.36	1.08	1.07
640.0	9.55	9.53	9.52	9.56	9.54	9.56	0.06	20.97	25.20	21.07	20.93	1.07	640.0	1.47	1.09	1.08
660.0	9.62	9.59	9.58	9.62	9.60	9.62	0.05	21.83	25.65	22.02	21.91	1.12	660.0	1.56	1.11	1.09
680.0	9.67	9.65	9.63	9.67	9.65	9.68	0.05	22.50	26.20	22.78	22.73	1.14	680.0	1.63	1.12	1.10
700.0	9.71	9.68	9.67	9.71	9.69	9.71	0.05	23.01	26.87	23.38	23.40	1.18	700.0	1.68	1.14	1.12
750.0	9.71	9.68	9.66	9.70	9.69	9.70	0.05	24.00	29.13	24.54	24.70	1.24	750.0	1.66	1.17	1.15
800.0	9.60	9.58	9.57	9.59	9.59	9.60	0.04	25.59	32.59	26.26	26.46	1.28	800.0	1.48	1.18	1.16
850.0	9.51	9.49	9.48	9.50	9.50	9.51	0.05	28.47	38.33	29.39	29.40	1.34	850.0	1.26	1.18	1.16
1050.0	9.53	9.52	9.51	9.52	9.54	9.54	0.04	30.80	41.36	31.01	30.66	1.77	1050.0	1.17	1.12	1.11
1150.0	9.61	9.61	9.60	9.60	9.62	9.62	0.03	23.64	35.63	23.65	23.20	1.85	1150.0	1.28	1.05	1.04
1250.0	9.79	9.79	9.79	9.78	9.81	9.81	0.04	21.45	30.67	21.37	21.00	2.01	1250.0	1.56	1.11	1.12
1350.0	9.70	9.69	9.69	9.69	9.71	9.71	0.04	21.95	28.71	21.77	21.63	2.24	1350.0	1.36	1.14	1.16
1450.0	9.64	9.63	9.64	9.64	9.66	9.64	0.04	22.29	29.28	22.13	22.27	2.41	1450.0	1.12	1.15	1.16
1550.0	9.78	9.77	9.77	9.78	9.80	9.77	0.05	22.87	31.18	22.85	22.91	2.61	1550.0	1.39	1.17	1.18
1650.0	9.75	9.74	9.74	9.74	9.76	9.73	0.05	25.03	31.94	25.29	25.10	2.77	1650.0	1.27	1.16	1.17
1750.0	9.77	9.76	9.76	9.76	9.78	9.75	0.05	26.78	32.67	27.28	27.17	2.93	1750.0	1.24	1.16	1.17
1850.0	9.81	9.80	9.80	9.81	9.82	9.77	0.07	29.69	36.60	30.51	30.59	3.11	1850.0	1.28	1.13	1.12
1950.0	9.81	9.80	9.81	9.81	9.82	9.76	0.07	28.32	36.13	29.04	28.83	3.34	1950.0	1.19	1.04	1.05
2050.0	10.01	10.01	10.01	10.00	10.02	9.96	0.07	25.62	30.49	25.99	25.69	3.56	2050.0	1.49	1.14	1.16
2150.0	10.02	10.01	10.00	10.00	10.02	9.96	0.08	27.36	28.28	27.78	27.60	3.75	2150.0	1.46	1.18	1.21
2250.0	9.87	9.85	9.85	9.85	9.88	9.81	0.10	26.77	28.39	27.03	27.99	3.96	2250.0	1.06	1.16	1.18
2350.0	10.03	10.00	10.01	10.00	10.02	9.94	0.12	23.53	29.23	23.67	24.48	4.28	2350.0	1.33	1.21	1.22
2450.0	10.13	10.10	10.12	10.09	10.08	10.01	0.12	21.94	29.74	22.02	22.71	4.40	2450.0	1.40	1.28	1.27
2550.0	10.16	10.13	10.17	10.12	10.12	10.04	0.13	21.66	31.31	21.82	22.58	4.54	2550.0	1.43	1.33	1.32
2650.0	10.18	10.15	10.19	10.14	10.14	10.05	0.15	24.03	35.92	24.20	25.39	4.81	2650.0	1.44	1.27	1.27
2750.0	10.08	10.06	10.09	10.00	10.05	9.95	0.16	30.77	38.47	30.33	32.77	4.91	2750.0	1.12	1.12	1.12
2850.0	10.14	10.11	10.14	10.04	10.11	10.00	0.17	30.36	31.86	29.88	30.75	5.17	2850.0	1.23	1.14	1.12
2950.0	10.26	10.22	10.25	10.14	10.23	10.08	0.21	30.85	29.44	31.17	32.94	5.40	2950.0	1.37	1.22	1.20
3050.0	10.22	10.19	10.23	10.11	10.18	10.00	0.23	34.38	28.99	36.41	35.65	5.36	3050.0	1.20	1.21	1.17
3150.0	10.22	10.20	10.26	10.11	10.21	9.98	0.27	25.80	30.30	25.75	25.12	5.37	3150.0	1.09	1.21	1.15
3250.0	10.42	10.36	10.40	10.30	10.35	10.14	0.28	22.35	35.42	22.19	22.05	5.48	3250.0	1.38	1.31	1.25
3360.0	10.40	10.31	10.35	10.25	10.27	10.07	0.32	24.87	40.52	24.62	24.55	5.53	3360.0	1.31	1.37	1.30
3390.0	10.36	10.27	10.30	10.19	10.22	10.03	0.33	27.12	35.02	26.94	26.66	5.54	3390.0	1.18	1.34	1.29
3420.0	10.35	10.26	10.28	10.17	10.20	10.02	0.33	29.53	31.57	29.62	28.76	5.61	3420.0	1.06	1.31	1.25
3450.0	10.40	10.30	10.31	10.20	10.23	10.06	0.34	29.20	29.12	29.54	28.54	5.67	3450.0	1.13	1.28	1.21
3460.0	10.42	10.32	10.33	10.22	10.25	10.08	0.34	28.31	28.45	28.60	27.79	5.70	3460.0	1.18	1.26	1.20
3470.0	10.45	10.35	10.36	10.25	10.27	10.11	0.34	27.25	27.84	27.48	26.91	5.74	3470.0	1.24	1.25	1.19
3480.0	10.49	10.39	10.39	10.28	10.30	10.15	0.34	26.17	27.28	26.33	25.97	5.76	3480.0	1.29	1.23	1.18
3490.0	10.53	10.42	10.43	10.31	10.34	10.18	0.35	25.13	26.78	25.22	25.05	5.80	3490.0	1.34	1.22	1.17
3500.0	10.57	10.46	10.46	10.35	10.37	10.22	0.35	24.17	26.33	24.20	24.18	5.84	3500.0	1.39	1.21	1.16
3510.0	10.60	10.50	10.50	10.39	10.40	10.25	0.35	23.29	25.91	23.28	23.38	5.88	3510.0	1.44	1.20	1.15
3520.0	10.64	10.53	10.53	10.42	10.43	10.28	0.36	22.49	25.53	22.44	22.66	5.93	3520.0	1.48	1.19	1.15
3530.0	10.67	10.56	10.56	10.46	10.46	10.31	0.36	21.77	25.18	21.68	21.99	5.95	3530.0	1.52	1.18	1.14
3540.0	10.69	10.58	10.58	10.48	10.47	10.32	0.37	21.12	24.86	21.00	21.39	5.99	3540.0	1.55	1.18	1.14
3550.0	10.72	10.60	10.60	10.51	10.49	10.34	0.38	20.53	24.57	20.39	20.86	6.01	3550.0	1.57	1.18	1.14
3560.0	10.73	10.62	10.62	10.52	10.49	10.34	0.39	20.00	24.31	19.83	20.38	6.04	3560.0	1.58	1.18	1.14
3570.0	10.74	10.63	10.62	10.54	10.50	10.34	0.39	19.53	24.08	19.33	19.94	6.05	3570.0	1.58	1.18	1.14
3580.0	10.74	10.63	10.62	10.54	10.49	10.34	0.40	19.10	23.88	18.87	19.55	6.05	3580.0	1.57	1.18	1.14
3590.0	10.73	10.62	10.62	10.54	10.48	10.32	0.41	18.71	23.70	18.46	19.19	6.05	3590.0	1.54	1.18	1.15
3610.0	10.70	10.60	10.59	10.52	10.44	10.28	0.42	18.01	23.41	17.71	18.52	6.09	3610.0	1.46	1.18	1.16

¹Total Loss = Insertion Loss + 9dB Splitter Loss



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