

6 Way-0° Power Splitter/Combiner

ZB6PD-17

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	S-1	S-3	S-5		1-2	1-3	4-6			S	1	3
600.0	8.23	8.40	8.40	0.30	24.30	21.08	21.35	1.00	600.0	1.34	1.02	1.03
625.0	8.19	8.35	8.36	0.29	25.77	22.04	22.33	1.15	625.0	1.33	1.01	1.02
650.0	8.18	8.33	8.34	0.29	27.56	23.13	23.44	1.14	650.0	1.28	1.02	1.03
675.0	8.17	8.35	8.34	0.29	29.79	24.36	24.73	1.17	675.0	1.23	1.03	1.04
700.0	8.17	8.33	8.32	0.27	32.71	25.79	26.23	1.36	700.0	1.21	1.04	1.05
725.0	8.17	8.32	8.33	0.29	37.10	27.52	28.09	1.36	725.0	1.18	1.06	1.06
750.0	8.16	8.33	8.32	0.30	45.34	29.62	30.31	1.45	750.0	1.15	1.07	1.07
775.0	8.13	8.31	8.29	0.29	47.21	32.22	33.16	1.53	775.0	1.13	1.07	1.08
800.0	8.21	8.37	8.33	0.27	38.57	35.76	36.62	1.60	800.0	1.14	1.09	1.10
825.0	8.19	8.38	8.37	0.29	34.34	40.36	39.12	1.62	825.0	1.15	1.10	1.10
850.0	8.16	8.35	8.33	0.29	31.76	42.79	37.84	1.58	850.0	1.15	1.08	1.09
875.0	8.13	8.31	8.26	0.27	29.83	38.88	34.71	1.85	875.0	1.17	1.10	1.11
900.0	8.27	8.46	8.43	0.28	28.53	35.24	32.31	1.57	900.0	1.20	1.12	1.12
925.0	8.21	8.39	8.38	0.28	27.46	32.57	30.32	1.85	925.0	1.20	1.10	1.10
950.0	8.19	8.35	8.33	0.27	26.52	30.67	28.78	1.96	950.0	1.20	1.11	1.12
975.0	8.22	8.40	8.35	0.25	25.79	29.09	27.53	1.92	975.0	1.22	1.14	1.14
1000.0	8.28	8.47	8.43	0.27	25.28	27.96	26.64	1.89	1000.0	1.25	1.12	1.12
1025.0	8.21	8.40	8.34	0.24	24.86	26.96	25.83	2.07	1025.0	1.23	1.11	1.12
1050.0	8.25	8.44	8.40	0.27	24.43	26.11	25.12	2.03	1050.0	1.23	1.14	1.15
1075.0	8.31	8.50	8.43	0.25	24.11	25.39	24.58	2.02	1075.0	1.26	1.14	1.14
1100.0	8.26	8.45	8.38	0.25	23.91	24.83	24.15	2.08	1100.0	1.27	1.12	1.13
1125.0	8.31	8.51	8.42	0.24	23.82	24.40	23.82	2.12	1125.0	1.26	1.13	1.14
1150.0	8.32	8.53	8.44	0.25	23.65	23.94	23.49	2.15	1150.0	1.26	1.14	1.15
1175.0	8.34	8.54	8.44	0.23	23.55	23.59	23.23	2.38	1175.0	1.27	1.13	1.14
1200.0	8.33	8.52	8.39	0.20	23.54	23.35	23.07	2.25	1200.0	1.28	1.12	1.13
1225.0	8.40	8.61	8.51	0.24	23.63	23.23	23.04	2.36	1225.0	1.28	1.12	1.13
1250.0	8.37	8.58	8.46	0.24	23.58	23.01	22.86	2.50	1250.0	1.26	1.13	1.14
1275.0	8.42	8.62	8.47	0.21	23.57	22.86	22.79	2.50	1275.0	1.26	1.11	1.11
1300.0	8.39	8.57	8.39	0.18	23.53	22.77	22.75	2.64	1300.0	1.27	1.09	1.11
1325.0	8.53	8.67	8.51	0.17	23.53	22.71	22.75	2.71	1325.0	1.29	1.11	1.12
1350.0	8.59	8.67	8.50	0.17	23.42	22.59	22.66	2.95	1350.0	1.29	1.10	1.10
1375.0	8.48	8.61	8.45	0.16	23.35	22.53	22.61	3.22	1375.0	1.29	1.07	1.08
1400.0	8.49	8.69	8.51	0.19	23.34	22.54	22.58	3.32	1400.0	1.33	1.08	1.09
1425.0	8.50	8.76	8.56	0.26	23.35	22.60	22.55	3.25	1425.0	1.36	1.08	1.07
1450.0	8.45	8.74	8.56	0.29	23.33	22.72	22.57	2.83	1450.0	1.34	1.06	1.05
1475.0	8.46	8.75	8.55	0.29	23.19	22.82	22.63	2.96	1475.0	1.34	1.05	1.05
1500.0	8.49	8.76	8.56	0.26	23.14	22.99	22.80	3.18	1500.0	1.35	1.06	1.04
1550.0	8.46	8.72	8.52	0.26	23.07	23.58	23.47	3.01	1550.0	1.29	1.06	1.02
1600.0	8.46	8.74	8.49	0.28	23.11	24.89	24.73	3.23	1600.0	1.21	1.08	1.05
1650.0	8.42	8.71	8.47	0.29	22.54	27.32	27.01	3.60	1650.0	1.08	1.12	1.10
1700.0	8.45	8.74	8.44	0.31	21.16	32.20	31.27	3.42	1700.0	1.14	1.15	1.13

¹ Total Loss = Insertion Loss+ 7.8dB Splitter Loss

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