

8 Way-0° Power Splitter/Combiner ZB8PD-ED8239

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-8		1-2	1-8	3-4	5-7			S	1	8
900.0	9.88	9.82	9.91	9.75	9.89	0.23	18.56	26.29	18.46	21.04	0.97	900.0	1.91	1.17	1.19
1000.0	10.06	10.00	10.11	9.96	10.07	0.21	23.55	28.15	23.49	21.46	1.04	1000.0	2.32	1.21	1.22
1100.0	9.95	9.90	10.02	9.88	9.95	0.18	22.80	30.24	22.83	22.29	0.94	1100.0	2.44	1.23	1.21
1200.0	9.93	9.90	10.04	9.87	9.90	0.17	21.53	32.09	21.54	23.59	1.07	1200.0	2.13	1.23	1.17
1300.0	9.62	9.61	9.75	9.58	9.57	0.17	22.90	33.78	22.89	25.73	1.41	1300.0	1.59	1.21	1.13
1400.0	9.34	9.33	9.48	9.30	9.31	0.18	27.29	35.48	27.16	28.65	1.88	1400.0	1.12	1.19	1.11
1500.0	9.34	9.33	9.49	9.30	9.37	0.24	35.36	36.93	34.05	31.24	2.19	1500.0	1.18	1.19	1.12
1600.0	9.32	9.31	9.47	9.28	9.41	0.29	38.75	37.69	35.92	32.08	2.21	1600.0	1.35	1.22	1.16
1700.0	9.41	9.40	9.56	9.36	9.52	0.32	38.87	37.62	36.55	31.88	1.96	1700.0	1.33	1.25	1.21
1800.0	9.41	9.41	9.58	9.38	9.52	0.33	44.72	37.22	42.08	31.78	1.92	1800.0	1.25	1.26	1.23
1850.0	9.35	9.35	9.51	9.30	9.49	0.31	43.43	36.95	43.46	31.83	2.02	1850.0	1.25	1.26	1.23
1870.0	9.34	9.33	9.50	9.29	9.46	0.31	41.89	37.01	42.62	31.97	1.87	1870.0	1.26	1.26	1.23
1890.0	9.42	9.41	9.59	9.38	9.52	0.32	40.39	36.93	41.19	32.11	1.88	1890.0	1.27	1.25	1.23
1910.0	9.43	9.43	9.60	9.40	9.53	0.30	38.90	36.84	39.75	32.17	2.05	1910.0	1.28	1.25	1.23
1930.0	9.37	9.37	9.55	9.35	9.50	0.30	37.57	36.70	38.35	32.31	2.09	1930.0	1.29	1.25	1.22
1950.0	9.34	9.34	9.52	9.32	9.46	0.29	36.63	36.80	37.30	32.54	1.96	1950.0	1.31	1.24	1.22
1970.0	9.37	9.36	9.55	9.35	9.47	0.29	35.88	36.96	36.48	32.88	1.94	1970.0	1.32	1.24	1.21
1990.0	9.51	9.52	9.70	9.50	9.62	0.29	35.23	36.92	35.76	33.19	2.02	1990.0	1.33	1.24	1.21
2010.0	9.44	9.44	9.64	9.43	9.55	0.29	34.59	36.89	35.17	33.44	2.09	2010.0	1.33	1.23	1.20
2030.0	9.37	9.36	9.57	9.37	9.48	0.29	34.19	36.99	34.70	33.88	2.11	2030.0	1.34	1.23	1.20
2050.0	9.34	9.34	9.55	9.35	9.45	0.29	33.96	37.13	34.45	34.35	2.17	2050.0	1.34	1.22	1.19
2070.0	9.42	9.42	9.64	9.43	9.52	0.29	33.93	37.34	34.37	34.91	2.21	2070.0	1.33	1.22	1.19
2090.0	9.45	9.45	9.67	9.47	9.56	0.29	33.96	37.54	34.46	35.59	2.20	2090.0	1.32	1.22	1.18
2110.0	9.41	9.41	9.64	9.44	9.51	0.29	34.15	37.72	34.72	36.28	2.17	2110.0	1.31	1.22	1.18
2130.0	9.39	9.40	9.64	9.43	9.49	0.30	34.49	37.99	35.20	37.07	2.24	2130.0	1.30	1.22	1.18
2150.0	9.33	9.33	9.58	9.38	9.43	0.31	35.01	38.27	35.88	37.88	2.50	2150.0	1.28	1.22	1.18
2170.0	9.33	9.34	9.59	9.40	9.46	0.31	35.77	38.66	36.85	38.88	2.56	2170.0	1.26	1.22	1.18
2200.0	9.43	9.44	9.71	9.50	9.55	0.32	37.38	39.40	39.43	40.65	2.34	2200.0	1.23	1.22	1.19
2300.0	9.42	9.44	9.72	9.53	9.57	0.37	37.01	42.74	43.70	45.82	3.03	2300.0	1.19	1.23	1.23
2400.0	9.38	9.40	9.67	9.45	9.62	0.40	29.45	50.47	30.58	44.64	3.27	2400.0	1.24	1.23	1.27
2500.0	9.40	9.43	9.72	9.48	9.69	0.45	25.58	52.01	25.56	45.07	3.05	2500.0	1.30	1.21	1.28
2600.0	9.35	9.37	9.70	9.43	9.70	0.54	23.25	41.55	22.46	45.75	2.68	2600.0	1.29	1.20	1.27
2700.0	9.56	9.59	9.98	9.68	9.93	0.60	20.25	36.97	19.35	34.40	2.19	2700.0	1.44	1.21	1.28
2800.0	9.93	9.97	10.40	10.09	10.30	0.65	16.97	34.47	16.42	27.93	1.86	2800.0	2.01	1.25	1.30

¹ Total Loss = Insertion Loss+ 9dB Splitter Loss