

8 Way-0° Power Splitter/Combiner

ZB8PD-242-75-F+

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	2-3	3-4	6-7			S	1	8
600.0	9.44	9.46	9.44	9.47	9.47	9.50	0.07	16.23	20.72	25.09	20.65	0.90	600.0	1.41	1.14	1.13
700.0	9.39	9.40	9.40	9.43	9.43	9.44	0.06	20.06	23.98	27.85	23.91	1.04	700.0	1.27	1.11	1.10
800.0	9.56	9.58	9.59	9.62	9.61	9.62	0.06	25.77	28.32	30.76	28.32	1.30	800.0	1.56	1.11	1.10
850.0	9.59	9.61	9.62	9.65	9.65	9.65	0.06	29.48	30.46	32.49	30.58	1.41	850.0	1.61	1.13	1.12
900.0	9.54	9.56	9.58	9.61	9.60	9.60	0.07	32.82	32.01	33.83	32.33	1.48	900.0	1.54	1.14	1.13
950.0	9.45	9.47	9.50	9.53	9.53	9.51	0.08	33.44	34.54	36.12	35.18	1.52	950.0	1.36	1.15	1.14
1000.0	9.39	9.42	9.45	9.47	9.46	9.45	0.08	31.70	38.27	36.31	39.15	1.59	1000.0	1.19	1.15	1.14
1050.0	9.38	9.41	9.45	9.47	9.47	9.45	0.09	29.56	43.02	37.13	43.72	1.71	1050.0	1.15	1.15	1.14
1100.0	9.45	9.47	9.52	9.53	9.54	9.51	0.09	27.08	43.98	38.06	42.14	1.78	1100.0	1.30	1.15	1.14
1150.0	9.52	9.56	9.59	9.61	9.62	9.59	0.10	25.63	36.58	38.70	35.79	1.87	1150.0	1.42	1.17	1.16
1200.0	9.55	9.60	9.63	9.65	9.66	9.63	0.10	25.51	32.50	37.84	32.05	1.84	1200.0	1.45	1.18	1.16
1250.0	9.54	9.58	9.62	9.63	9.62	9.61	0.09	25.87	30.27	37.06	29.95	1.89	1250.0	1.38	1.19	1.16
1300.0	9.50	9.55	9.59	9.59	9.57	9.57	0.09	27.25	29.72	35.30	29.46	1.95	1300.0	1.22	1.18	1.15
1350.0	9.46	9.51	9.54	9.54	9.55	9.53	0.09	26.88	29.40	35.11	29.11	2.11	1350.0	1.07	1.17	1.15
1400.0	9.52	9.57	9.60	9.60	9.61	9.59	0.09	24.75	32.31	34.01	31.85	2.03	1400.0	1.19	1.19	1.16
1450.0	9.60	9.67	9.67	9.69	9.70	9.68	0.10	23.38	34.92	32.27	34.22	2.14	1450.0	1.39	1.21	1.19
1500.0	9.71	9.77	9.78	9.81	9.78	9.77	0.09	23.45	36.97	32.37	36.05	2.09	1500.0	1.52	1.25	1.21
1550.0	9.72	9.77	9.80	9.84	9.82	9.77	0.11	24.37	34.48	32.32	34.07	2.41	1550.0	1.55	1.27	1.23
1600.0	9.68	9.73	9.78	9.82	9.81	9.74	0.14	27.08	30.75	32.02	30.69	2.29	1600.0	1.49	1.27	1.22
1650.0	9.59	9.66	9.71	9.76	9.77	9.68	0.18	31.82	28.42	31.77	28.51	2.38	1650.0	1.36	1.25	1.21
1700.0	9.52	9.62	9.67	9.71	9.72	9.63	0.20	41.57	27.11	31.90	27.26	2.16	1700.0	1.25	1.22	1.19
1750.0	9.52	9.60	9.68	9.73	9.72	9.61	0.21	40.25	27.00	32.91	27.22	2.53	1750.0	1.22	1.18	1.18
1800.0	9.52	9.61	9.69	9.74	9.72	9.61	0.22	36.84	27.62	34.06	27.91	2.60	1800.0	1.28	1.17	1.17
1850.0	9.54	9.62	9.73	9.77	9.76	9.62	0.23	40.60	29.66	35.25	30.08	2.87	1850.0	1.30	1.15	1.16
1900.0	9.50	9.64	9.71	9.73	9.75	9.64	0.25	45.38	31.17	35.43	31.71	2.64	1900.0	1.25	1.15	1.15
1950.0	9.50	9.62	9.72	9.73	9.74	9.61	0.24	38.07	34.62	39.16	35.40	2.74	1950.0	1.14	1.14	1.13
2000.0	9.48	9.61	9.71	9.73	9.73	9.60	0.25	34.24	37.91	39.41	38.33	2.83	2000.0	1.02	1.12	1.11
2050.0	9.49	9.60	9.73	9.74	9.78	9.60	0.29	33.38	35.73	37.77	35.20	3.12	2050.0	1.11	1.11	1.08
2100.0	9.49	9.64	9.74	9.76	9.80	9.64	0.31	34.01	34.88	36.19	34.00	3.06	2100.0	1.20	1.09	1.07
2150.0	9.50	9.63	9.77	9.77	9.83	9.64	0.33	34.60	36.04	35.95	34.81	3.01	2150.0	1.24	1.09	1.08
2200.0	9.52	9.64	9.79	9.78	9.82	9.66	0.30	31.28	35.84	33.33	34.48	3.09	2200.0	1.21	1.07	1.07
2250.0	9.53	9.64	9.80	9.77	9.83	9.66	0.31	28.34	34.45	31.32	33.28	3.35	2250.0	1.17	1.06	1.06
2300.0	9.57	9.70	9.83	9.79	9.87	9.72	0.30	27.76	30.44	30.32	29.79	3.75	2300.0	1.19	1.07	1.07
2400.0	9.55	9.70	9.94	9.95	9.98	9.73	0.42	26.74	24.22	29.60	23.99	4.41	2400.0	1.29	1.10	1.10

¹Total Loss = Insertion Loss + 9dB Splitter Loss

