

8 Way-0° Power Splitter/Combiner

ZB8PD-242-75+

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	3-4	5-6	7-8			S	1	8
600.0	9.41	9.39	9.37	9.39	9.36	9.40	0.08	16.38	16.20	16.15	16.22	0.72	600.0	1.38	1.11	1.13
650.0	9.35	9.33	9.31	9.33	9.30	9.33	0.07	18.53	18.30	18.21	18.30	0.81	650.0	1.20	1.11	1.12
700.0	9.45	9.44	9.41	9.43	9.36	9.36	0.09	21.24	20.98	20.76	20.87	0.84	700.0	1.27	1.11	1.12
750.0	9.53	9.52	9.49	9.51	9.47	9.49	0.06	24.01	23.80	23.54	23.69	0.61	750.0	1.51	1.12	1.12
800.0	9.63	9.61	9.59	9.61	9.59	9.61	0.06	26.87	26.82	26.41	26.47	0.60	800.0	1.66	1.14	1.14
900.0	9.55	9.53	9.53	9.53	9.52	9.52	0.04	31.41	31.87	31.07	30.31	0.65	900.0	1.49	1.14	1.16
1000.0	9.38	9.37	9.37	9.38	9.38	9.35	0.04	29.48	29.59	29.30	28.15	0.69	1000.0	1.11	1.10	1.13
1100.0	9.51	9.50	9.52	9.52	9.52	9.50	0.04	26.54	26.69	26.59	25.50	0.76	1100.0	1.43	1.13	1.15
1200.0	9.53	9.53	9.54	9.54	9.55	9.52	0.03	26.65	27.28	27.18	25.66	0.82	1200.0	1.42	1.17	1.19
1300.0	9.42	9.42	9.43	9.42	9.46	9.43	0.05	27.24	28.54	28.48	26.62	0.84	1300.0	1.07	1.16	1.17
1400.0	9.49	9.49	9.50	9.48	9.54	9.51	0.07	25.41	26.03	26.04	25.28	1.07	1400.0	1.28	1.15	1.17
1500.0	9.57	9.57	9.60	9.59	9.62	9.57	0.07	24.72	24.72	24.69	24.62	1.22	1500.0	1.38	1.18	1.21
1600.0	9.60	9.60	9.66	9.65	9.65	9.58	0.09	26.57	26.01	25.99	26.38	1.08	1600.0	1.33	1.19	1.23
1700.0	9.61	9.62	9.69	9.68	9.70	9.60	0.12	31.39	29.91	29.88	30.89	1.03	1700.0	1.33	1.17	1.20
1800.0	9.49	9.52	9.60	9.59	9.61	9.48	0.15	40.19	36.04	36.20	37.81	1.10	1800.0	1.20	1.14	1.16
1900.0	9.45	9.47	9.58	9.56	9.58	9.42	0.18	40.46	36.44	37.28	37.86	1.11	1900.0	1.13	1.10	1.11
2000.0	9.48	9.52	9.63	9.61	9.67	9.49	0.20	37.50	33.85	34.37	35.10	1.29	2000.0	1.17	1.07	1.08
2050.0	9.48	9.51	9.63	9.61	9.68	9.48	0.21	38.82	34.44	34.76	35.46	1.37	2050.0	1.09	1.06	1.07
2100.0	9.48	9.52	9.64	9.61	9.69	9.48	0.22	41.17	36.55	36.45	36.46	1.45	2100.0	1.07	1.06	1.08
2150.0	9.51	9.56	9.68	9.66	9.73	9.51	0.22	38.82	39.89	38.63	36.32	1.53	2150.0	1.20	1.05	1.06
2200.0	9.55	9.61	9.73	9.71	9.79	9.56	0.24	33.87	37.82	36.48	33.71	1.63	2200.0	1.30	1.03	1.06
2250.0	9.57	9.62	9.75	9.73	9.82	9.57	0.25	30.22	32.95	32.27	30.65	1.87	2250.0	1.32	1.02	1.04
2300.0	9.54	9.60	9.73	9.70	9.80	9.54	0.26	27.80	29.55	29.06	28.36	2.08	2300.0	1.22	1.04	1.07
2350.0	9.53	9.59	9.73	9.70	9.78	9.51	0.28	26.41	27.47	27.00	27.04	2.30	2350.0	1.04	1.08	1.09
2400.0	9.61	9.69	9.81	9.80	9.85	9.57	0.29	25.60	26.04	25.60	26.37	2.38	2400.0	1.18	1.13	1.15

¹Total Loss = Insertion Loss + 9dB Splitter Loss



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

REV. OR
ZB8PD-242-75+
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