

5 Way-0° Power Splitter/Combiner

ZB5PD-ED7890/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹					AMP UNBAL. (dB)	ISOLATION				PHASE UNBAL. (Deg)	FREQ. (MHz)	VSWR		
	S1	S2	S3	S4	S5		1-2	1-3	3-4	4-5			S	1	5
400.0	6.97	6.97	7.51	7.60	7.64	0.67	18.77	23.76	17.29	16.61	2.63	400.0	1.18	1.09	1.10
425.0	7.05	7.05	7.54	7.63	7.66	0.61	20.36	24.75	17.90	17.12	3.15	425.0	1.26	1.09	1.09
450.0	7.15	7.15	7.54	7.62	7.66	0.52	21.65	25.88	18.52	17.63	3.46	450.0	1.32	1.09	1.09
475.0	7.25	7.25	7.55	7.63	7.67	0.42	22.55	27.13	19.20	18.23	3.64	475.0	1.37	1.08	1.08
500.0	7.32	7.33	7.53	7.63	7.68	0.35	23.14	28.54	19.98	18.92	3.66	500.0	1.39	1.07	1.06
525.0	7.38	7.38	7.52	7.60	7.64	0.26	23.54	30.19	20.87	19.74	3.52	525.0	1.40	1.06	1.05
550.0	7.42	7.43	7.49	7.57	7.61	0.19	23.96	32.06	21.88	20.73	3.19	550.0	1.39	1.05	1.04
575.0	7.46	7.46	7.47	7.55	7.59	0.13	24.51	34.23	23.00	21.91	2.93	575.0	1.36	1.05	1.03
600.0	7.46	7.48	7.43	7.50	7.54	0.11	25.29	36.76	24.13	23.32	2.47	600.0	1.32	1.05	1.04
625.0	7.46	7.46	7.42	7.48	7.52	0.11	26.41	39.41	25.21	24.95	2.03	625.0	1.28	1.05	1.05
650.0	7.45	7.47	7.40	7.46	7.50	0.10	27.96	41.17	26.07	26.81	1.67	650.0	1.23	1.06	1.06
675.0	7.46	7.46	7.41	7.47	7.50	0.09	30.14	40.63	26.50	28.74	1.36	675.0	1.19	1.07	1.07
700.0	7.44	7.45	7.41	7.46	7.50	0.09	33.36	38.81	26.57	30.44	0.82	700.0	1.16	1.08	1.08
720.0	7.45	7.47	7.43	7.48	7.52	0.08	37.35	37.26	26.50	31.39	0.79	720.0	1.15	1.08	1.09
740.0	7.45	7.46	7.45	7.49	7.54	0.09	44.99	36.04	26.38	31.86	0.92	740.0	1.14	1.09	1.10
760.0	7.45	7.47	7.48	7.51	7.55	0.10	52.28	34.98	26.29	31.99	0.89	760.0	1.14	1.09	1.10
780.0	7.44	7.47	7.49	7.52	7.55	0.11	39.89	34.10	26.29	32.01	1.14	780.0	1.13	1.09	1.10
800.0	7.45	7.47	7.53	7.56	7.59	0.14	35.13	33.40	26.41	32.11	1.25	800.0	1.13	1.09	1.10
820.0	7.45	7.49	7.56	7.57	7.61	0.16	32.23	32.86	26.59	32.35	1.56	820.0	1.12	1.08	1.10
840.0	7.47	7.49	7.58	7.60	7.63	0.16	30.26	32.38	26.82	32.66	1.73	840.0	1.12	1.08	1.10
860.0	7.47	7.49	7.60	7.62	7.65	0.17	28.81	32.01	27.03	32.93	2.20	860.0	1.10	1.08	1.10
880.0	7.46	7.50	7.65	7.64	7.69	0.23	27.83	31.79	27.14	32.80	2.44	880.0	1.09	1.07	1.09
900.0	7.47	7.50	7.68	7.68	7.70	0.24	27.11	31.56	27.00	32.00	2.66	900.0	1.07	1.06	1.09
920.0	7.47	7.50	7.72	7.70	7.73	0.26	26.72	31.40	26.59	30.68	3.05	920.0	1.05	1.06	1.08
940.0	7.45	7.49	7.75	7.73	7.76	0.31	26.59	31.31	25.91	29.06	3.50	940.0	1.04	1.05	1.08
960.0	7.46	7.50	7.80	7.78	7.82	0.35	26.76	31.19	25.16	27.48	3.75	960.0	1.04	1.05	1.08
980.0	7.47	7.50	7.86	7.84	7.87	0.40	27.28	31.12	24.31	26.00	4.06	980.0	1.06	1.05	1.08
1000.0	7.46	7.52	7.92	7.90	7.92	0.46	28.14	31.07	23.50	24.72	4.26	1000.0	1.09	1.06	1.09
1025.0	7.47	7.53	8.02	7.99	8.01	0.54	29.76	30.95	22.62	23.35	4.57	1025.0	1.12	1.08	1.11
1050.0	7.47	7.53	8.10	8.08	8.10	0.63	31.53	30.71	21.88	22.25	4.95	1050.0	1.16	1.10	1.13
1075.0	7.50	7.56	8.19	8.18	8.20	0.70	31.15	30.43	21.31	21.35	5.09	1075.0	1.19	1.12	1.15
1100.0	7.52	7.57	8.29	8.28	8.30	0.78	28.03	30.04	20.89	20.63	5.08	1100.0	1.24	1.15	1.18
1125.0	7.57	7.64	8.40	8.41	8.43	0.86	24.59	29.57	20.62	20.05	5.04	1125.0	1.30	1.18	1.21
1150.0	7.65	7.71	8.51	8.54	8.56	0.91	21.73	29.06	20.47	19.58	5.09	1150.0	1.38	1.21	1.23
1175.0	7.76	7.84	8.65	8.69	8.72	0.97	19.44	28.52	20.38	19.14	5.07	1175.0	1.49	1.24	1.25
1200.0	7.94	8.01	8.82	8.88	8.93	0.99	17.59	27.99	20.32	18.70	4.93	1200.0	1.63	1.27	1.28

¹Total Loss = Insertion Loss + 7dB Splitter Loss



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
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