

8 Way-0° Power Splitter/Combiner

ZB8PD-ED10613C/1

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	1-8	3-4	6-8			S	1	8
6500.0	9.66	9.76	9.68	9.79	10.08	9.93	0.42	16.19	38.75	17.70	29.98	4.12	6500.0	1.18	1.18	1.20
7000.0	9.86	9.98	9.71	10.07	10.19	10.08	0.49	18.69	39.24	20.27	29.95	6.04	7000.0	1.48	1.29	1.38
7050.0	9.85	9.96	9.68	10.03	10.17	10.03	0.49	19.88	38.39	22.08	28.75	6.22	7050.0	1.43	1.31	1.35
7100.0	9.82	9.95	9.63	9.98	10.11	10.00	0.49	21.31	37.94	24.20	27.88	5.94	7100.0	1.38	1.30	1.32
7125.0	9.81	9.94	9.62	9.96	10.11	9.98	0.49	22.13	37.91	25.23	27.55	5.82	7125.0	1.34	1.30	1.32
7150.0	9.81	9.92	9.60	9.97	10.09	9.95	0.49	23.06	37.97	26.11	27.31	5.69	7150.0	1.31	1.30	1.30
7200.0	9.77	9.92	9.58	9.93	10.06	9.93	0.49	25.08	38.33	27.00	27.00	5.37	7200.0	1.26	1.28	1.25
7280.0	9.76	9.91	9.56	9.96	10.03	9.88	0.50	28.70	39.19	26.82	27.06	5.18	7280.0	1.18	1.25	1.20
7360.0	9.76	9.90	9.53	10.02	9.99	9.84	0.49	31.18	39.77	26.78	27.57	5.25	7360.0	1.15	1.21	1.15
7440.0	9.77	9.92	9.56	10.07	9.99	9.83	0.51	31.57	39.84	27.32	28.41	5.50	7440.0	1.15	1.16	1.11
7520.0	9.79	9.95	9.60	10.10	10.02	9.82	0.50	31.61	39.48	27.92	29.51	5.78	7520.0	1.15	1.14	1.10
7600.0	9.82	9.97	9.62	10.09	10.02	9.81	0.47	32.15	38.89	27.92	30.74	6.11	7600.0	1.15	1.12	1.09
7680.0	9.83	9.97	9.64	10.02	9.99	9.81	0.41	33.20	38.43	27.45	31.88	6.32	7680.0	1.14	1.11	1.08
7760.0	9.83	9.97	9.65	9.94	9.99	9.81	0.41	34.83	38.38	27.17	32.88	6.44	7760.0	1.16	1.12	1.08
7840.0	9.83	9.95	9.67	9.89	10.03	9.82	0.41	36.98	39.05	27.39	33.88	6.06	7840.0	1.19	1.15	1.09
7920.0	9.84	9.93	9.68	9.89	10.06	9.84	0.41	37.49	40.44	27.74	34.82	5.46	7920.0	1.23	1.18	1.13
8000.0	9.88	9.94	9.69	9.95	10.08	9.87	0.43	34.89	42.39	27.54	35.54	5.23	8000.0	1.25	1.20	1.15
8080.0	9.93	9.96	9.70	10.01	10.06	9.88	0.44	32.06	44.99	26.62	36.13	5.22	8080.0	1.26	1.24	1.19
8160.0	9.97	9.98	9.75	10.05	10.07	9.88	0.36	30.00	48.38	25.43	36.68	5.34	8160.0	1.28	1.27	1.20
8240.0	10.01	10.00	9.79	10.07	10.05	9.86	0.28	28.53	53.91	24.39	37.22	5.46	8240.0	1.30	1.28	1.22
8320.0	10.07	10.01	9.80	10.10	10.01	9.85	0.30	27.61	64.38	23.73	37.59	5.49	8320.0	1.32	1.28	1.21
8400.0	10.10	10.01	9.78	10.11	10.00	9.86	0.32	27.28	54.24	23.48	37.49	6.01	8400.0	1.33	1.28	1.21
8600.0	10.05	9.97	9.77	10.06	10.11	10.02	0.36	29.29	43.44	24.99	34.80	7.04	8600.0	1.26	1.26	1.22
8800.0	10.19	10.14	10.01	10.12	10.29	10.21	0.28	27.38	39.43	25.63	29.52	7.01	8800.0	1.40	1.32	1.27

¹Total Loss = Insertion Loss + 9dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. X2

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