

8 Way-0° Power Splitter/Combiner ZB8PD-ED10257/1

Typical Performance Data

FREQ.	TOTAL LOSS ¹						AMP. UNBAL.	ISOLATION				PHASE UNBAL.	FREQ.	VSWR		
(MHz)	(dB)						(dB)	(dB)				(deg.)	(MHz)	(:1)		
	S-1	S-2	S-3	S-4	S-6	S-8		1-2	1-3	3-4	6-7			S	1	8
810.0	9.48	9.72	9.72	9.41	9.67	9.46	0.32	24.52	23.81	24.18	24.67	2.78	810.0	1.79	1.21	1.35
820.0	9.42	9.68	9.67	9.35	9.61	9.40	0.34	24.76	24.16	24.39	24.89	2.72	820.0	1.72	1.22	1.34
830.0	9.39	9.67	9.67	9.33	9.61	9.37	0.36	24.98	24.57	24.57	25.10	2.78	830.0	1.66	1.23	1.33
840.0	9.40	9.71	9.69	9.35	9.64	9.38	0.38	25.22	25.04	24.75	25.30	2.89	840.0	1.59	1.23	1.32
850.0	9.44	9.74	9.74	9.39	9.68	9.42	0.38	25.45	25.52	24.94	25.49	3.09	850.0	1.53	1.24	1.31
860.0	9.45	9.75	9.75	9.40	9.68	9.43	0.38	25.65	26.02	25.09	25.64	3.22	860.0	1.47	1.25	1.30
870.0	9.40	9.68	9.68	9.35	9.62	9.38	0.35	25.77	26.49	25.19	25.74	3.33	870.0	1.41	1.25	1.30
880.0	9.34	9.59	9.60	9.28	9.53	9.33	0.34	25.86	26.94	25.22	25.80	3.32	880.0	1.35	1.26	1.29
890.0	9.29	9.53	9.53	9.23	9.46	9.27	0.32	25.89	27.37	25.23	25.86	3.23	890.0	1.29	1.27	1.29
900.0	9.25	9.50	9.50	9.21	9.43	9.24	0.32	25.92	27.83	25.22	25.90	3.13	900.0	1.24	1.27	1.28
1000.0	9.27	9.52	9.53	9.24	9.45	9.26	0.33	26.44	30.84	25.70	26.37	3.45	1000.0	1.19	1.34	1.30
1100.0	9.48	9.72	9.73	9.45	9.65	9.47	0.32	25.90	27.92	25.78	26.19	3.80	1100.0	1.50	1.34	1.34
1200.0	9.55	9.76	9.78	9.51	9.71	9.54	0.29	23.79	25.62	24.16	24.43	4.13	1200.0	1.57	1.26	1.31
1300.0	9.48	9.68	9.69	9.44	9.62	9.46	0.26	22.37	24.70	22.82	23.04	4.58	1300.0	1.46	1.18	1.23
1400.0	9.52	9.66	9.67	9.47	9.61	9.49	0.21	22.12	24.46	22.50	22.75	5.04	1400.0	1.34	1.14	1.14
1500.0	9.50	9.59	9.59	9.47	9.53	9.47	0.14	22.79	24.27	23.08	23.25	5.46	1500.0	1.28	1.14	1.10
1550.0	9.57	9.63	9.65	9.53	9.58	9.53	0.12	23.52	23.98	23.72	23.91	5.83	1550.0	1.28	1.14	1.11
1600.0	9.56	9.58	9.60	9.53	9.53	9.51	0.09	24.74	23.72	24.92	25.02	5.79	1600.0	1.30	1.12	1.14
1650.0	9.60	9.58	9.61	9.59	9.54	9.55	0.07	26.61	23.36	26.80	26.96	5.97	1650.0	1.32	1.09	1.19
1700.0	9.66	9.60	9.62	9.65	9.56	9.61	0.10	29.44	23.21	29.92	30.09	5.98	1700.0	1.32	1.05	1.23
1750.0	9.64	9.56	9.60	9.66	9.55	9.61	0.12	32.09	23.26	33.70	34.35	5.95	1750.0	1.32	1.02	1.26
1800.0	9.70	9.56	9.60	9.73	9.55	9.67	0.19	30.68	23.59	32.58	33.53	6.05	1800.0	1.35	1.05	1.27
1850.0	9.75	9.62	9.66	9.79	9.61	9.72	0.20	27.54	24.37	28.69	29.44	5.99	1850.0	1.39	1.09	1.25
1900.0	9.77	9.58	9.62	9.82	9.56	9.73	0.27	25.44	25.62	26.19	26.78	5.95	1900.0	1.41	1.12	1.19
1950.0	9.78	9.59	9.64	9.82	9.57	9.71	0.27	24.50	27.51	25.07	25.58	5.92	1950.0	1.39	1.12	1.12
2000.0	9.80	9.59	9.63	9.85	9.55	9.72	0.32	24.82	29.96	25.29	25.70	5.75	2000.0	1.30	1.10	1.11
2050.0	9.73	9.52	9.56	9.77	9.47	9.64	0.32	26.59	31.49	27.05	27.47	5.36	2050.0	1.18	1.06	1.18
2100.0	9.78	9.59	9.63	9.82	9.53	9.69	0.31	30.99	29.85	31.86	32.16	5.34	2100.0	1.12	1.01	1.29
2150.0	9.81	9.61	9.66	9.87	9.58	9.73	0.33	35.68	26.98	40.09	39.33	4.74	2150.0	1.23	1.06	1.39
2175.0	9.83	9.70	9.75	9.91	9.68	9.76	0.27	31.75	25.77	33.69	33.60	4.83	2175.0	1.30	1.09	1.43
2200.0	9.83	9.70	9.76	9.93	9.68	9.77	0.29	27.91	24.67	28.95	29.12	5.25	2200.0	1.37	1.12	1.46
2225.0	9.85	9.66	9.73	9.97	9.66	9.79	0.38	24.99	23.74	25.76	26.02	5.13	2225.0	1.41	1.15	1.48
2250.0	9.94	9.81	9.89	10.10	9.84	9.90	0.36	22.91	23.08	23.53	23.74	4.86	2250.0	1.44	1.17	1.50
2275.0	9.82	9.76	9.85	10.02	9.80	9.78	0.31	21.21	22.45	21.75	21.99	5.39	2275.0	1.43	1.19	1.50
2300.0	9.82	9.70	9.81	10.03	9.76	9.78	0.40	19.79	21.89	20.27	20.56	6.01	2300.0	1.40	1.19	1.50
2325.0	9.90	9.76	9.86	10.14	9.81	9.85	0.46	18.73	21.47	19.14	19.42	5.91	2325.0	1.35	1.20	1.49
2350.0	9.85	9.76	9.86	10.09	9.81	9.79	0.41	17.90	21.10	18.24	18.55	6.00	2350.0	1.30	1.19	1.48
2375.0	9.80	9.71	9.82	10.03	9.76	9.72	0.40	17.06	20.58	17.32	17.70	6.68	2375.0	1.28	1.18	1.48
2400.0	9.94	9.81	9.92	10.16	9.84	9.85	0.44	16.42	20.12	16.62	16.95	7.03	2400.0	1.33	1.17	1.47
2425.0	9.97	9.82	9.92	10.19	9.83	9.86	0.48	15.78	19.57	15.93	16.36	7.13	2425.0	1.44	1.16	1.47
2450.0	10.08	9.93	10.03	10.30	9.94	9.97	0.50	15.14	18.96	15.27	15.70	7.30	2450.0	1.60	1.14	1.46

¹ Total Loss = Insertion Loss+ 9dB Splitter Loss

REV. X2

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