8 Way-0° Power Splitter/Combiner ZB8PD1-ED13816

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS[1] (dB)						AMP. UNBAL. (dB)	ISOLATION (dB)				PHASE UNBAL. (deg.)
	S-1	S-2	S-3	S-4	S-6	S-8		1-2	1-8	3-4	6-7	
600.0	9.45	9.42	9.37	9.41	9.38	9.43	0.09	18.36	28.86	18.28	24.90	0.67
650.0	9.55	9.51	9.45	9.50	9.47	9.52	0.10	21.42	30.59	21.39	25.75	0.76
700.0	9.65	9.61	9.55	9.60	9.58	9.61	0.10	23.88	32.66	24.06	27.25	0.81
750.0	9.66	9.62	9.57	9.60	9.58	9.61	0.08	25.67	35.13	26.13	29.53	0.90
840.0	9.53	9.50	9.45	9.47	9.46	9.48	0.08	29.93	40.62	31.18	36.95	1.05
870.0	9.50	9.47	9.44	9.44	9.44	9.45	0.08	32.09	42.37	33.89	40.78	1.09
900.0	9.51	9.48	9.44	9.45	9.45	9.46	0.08	34.58	43.36	37.22	44.39	1.08
950.0	9.56	9.52	9.50	9.50	9.50	9.50	0.08	40.04	42.20	43.05	44.55	1.08
1050.0	9.61	9.58	9.55	9.54	9.55	9.56	0.08	32.54	37.75	30.52	45.27	1.21
1150.0	9.61	9.57	9.57	9.54	9.56	9.56	0.07	23.75	35.19	23.01	37.88	1.18
1250.0	9.77	9.73	9.74	9.70	9.72	9.71	0.07	21.16	34.16	20.72	31.24	1.29
1350.0	9.73	9.68	9.66	9.66	9.66	9.64	0.08	21.52	34.01	21.30	28.78	1.32
1450.0	9.63	9.60	9.56	9.58	9.58	9.55	0.08	22.45	34.71	22.31	29.07	1.40
1550.0	9.72	9.68	9.65	9.67	9.67	9.64	0.08	23.71	36.54	23.67	30.70	1.50
1650.0	9.72	9.69	9.68	9.68	9.69	9.65	0.07	25.92	39.70	26.51	31.21	1.64
1750.0	9.75	9.71	9.72	9.71	9.73	9.68	0.07	26.85	45.93	27.93	31.88	1.68
1950.0	9.84	9.81	9.80	9.79	9.81	9.75	0.09	28.84	45.70	27.01	35.17	1.85
2050.0	10.01	10.00	10.00	10.01	10.01	9.91	0.12	25.49	41.12	24.10	30.61	2.18
2150.0	9.96	9.92	9.92	9.92	9.94	9.86	0.11	26.84	39.24	25.62	28.87	1.97
2250.0	9.86	9.81	9.82	9.81	9.82	9.76	0.11	29.08	38.41	25.80	28.95	1.91
2350.0	9.94	9.88	9.91	9.88	9.89	9.82	0.12	25.75	38.57	23.09	29.19	1.98
2450.0	10.02	9.96	10.00	9.98	9.97	9.88	0.13	23.17	39.35	21.49	28.97	1.96
2550.0	10.07	10.00	10.06	10.01	10.02	9.93	0.14	22.63	40.79	21.24	30.39	1.96
2650.0	10.06	10.00	10.04	9.98	10.03	9.92	0.14	25.05	43.00	24.44	35.91	2.21
2750.0	10.03	9.96	10.00	9.92	9.99	9.87	0.17	32.49	44.95	33.10	43.91	2.38
2850.0	10.08	10.00	10.04	9.99	10.02	9.90	0.19	31.40	45.82	28.26	34.54	2.38
2950.0	10.16	10.08	10.13	10.07	10.09	9.96	0.21	30.30	46.94	26.48	31.53	2.44
3050.0	10.15	10.07	10.13	10.06	10.09	9.93	0.21	34.72	48.90	28.67	29.65	2.60
3150.0	10.16	10.08	10.19	10.12	10.16	9.95	0.24	27.95	51.40	27.64	28.85	2.77
3250.0	10.31	10.22	10.31	10.24	10.29	10.07	0.24	22.65	46.35	21.98	31.35	2.90
3300.0	10.34	10.26	10.34	10.23	10.32	10.10	0.24	22.11	42.98	21.17	35.34	2.90
3330.0	10.35	10.27	10.33	10.22	10.32	10.11	0.24	22.48	40.94	21.43	40.17	3.05
3360.0	10.33	10.24	10.31	10.17	10.30	10.09	0.24	23.34	39.49	22.27	51.34	2.98
3390.0	10.33	10.24	10.29	10.15	10.28	10.09	0.24	24.96	37.75	23.83	42.73	3.08
3420.0	10.34	10.25	10.30	10.15	10.30	10.12	0.22	27.16	36.54	26.10	36.26	3.03
3450.0	10.39	10.27	10.31	10.20	10.32	10.18	0.21	29.33	35.54	28.82	32.58	3.11
3460.0	10.40	10.28	10.32	10.21	10.33	10.20	0.20	29.60	35.21	29.51	31.60	3.16
3470.0	10.40	10.28	10.32	10.21	10.32	10.21	0.19	29.39	34.86	29.79	30.71	3.17
3480.0	10.40	10.28	10.31	10.21	10.32	10.20	0.20	28.77	34.52	29.52	29.93	3.16
3490.0	10.40	10.28	10.31	10.22	10.31	10.20	0.21	27.89	34.16	28.80	29.26	3.13
3500.0	10.42	10.29	10.31	10.23	10.32	10.20	0.22	26.88	33.77	27.85	28.66	3.14
3510.0	10.44	10.31	10.32	10.26	10.33	10.21	0.24	25.87	33.36	26.84	28.15	3.19
3520.0	10.47	10.33	10.35	10.28	10.35	10.22	0.25	24.93	33.01	25.86	27.71	3.27
3530.0	10.48	10.36	10.37	10.30	10.37	10.23	0.25	24.09	32.72	24.93	27.32	3.32
3540.0	10.49	10.37	10.38	10.31	10.38	10.24	0.25	23.33	32.48	24.08	26.98	3.31
3550.0	10.50	10.38	10.39	10.32	10.39	10.24	0.26	22.63	32.27	23.31	26.67	3.24
3560.0	10.51	10.38	10.40	10.33	10.39	10.23	0.27	21.97	32.04	22.62	26.37	3.20
3580.0	10.54	10.40	10.42	10.37	10.41	10.23	0.31	20.83	31.49	21.44	25.90	3.26

FREQ. (MHz)	VSWR (:1)		
	S	1	8
600.0	1.25	1.05	1.04
650.0	1.41	1.06	1.06
700.0	1.56	1.09	1.09
750.0	1.55	1.12	1.12
840.0	1.27	1.15	1.14
870.0	1.18	1.15	1.14
900.0	1.15	1.16	1.14
950.0	1.22	1.16	1.14
1050.0	1.24	1.12	1.11
1150.0	1.24	1.04	1.03
1250.0	1.52	1.09	1.07
1350.0	1.38	1.13	1.11
1450.0	1.05	1.13	1.11
1550.0	1.28	1.12	1.12
1650.0	1.22	1.10	1.11
1750.0	1.24	1.11	1.12
1950.0	1.23	1.02	1.01
2050.0	1.41	1.13	1.11
2150.0	1.40	1.15	1.14
2250.0	1.06	1.12	1.12
2350.0	1.24	1.14	1.14
2450.0	1.32	1.19	1.18
2550.0	1.36	1.21	1.21
2650.0	1.31	1.15	1.17
2750.0	1.09	1.03	1.05
2850.0	1.19	1.10	1.07
2950.0	1.26	1.15	1.14
3050.0	1.16	1.13	1.14
3150.0	1.08	1.13	1.13
3250.0	1.36	1.20	1.20
3300.0	1.40	1.23	1.22
3330.0	1.37	1.23	1.23
3360.0	1.30	1.23	1.22
3390.0	1.19	1.21	1.21
3420.0	1.11	1.18	1.18
3450.0	1.15	1.14	1.15
3460.0	1.19	1.13	1.14
3470.0	1.22	1.12	1.13
3480.0	1.26	1.11	1.11
3490.0	1.30	1.10	1.10
3500.0	1.34	1.08	1.09
3510.0	1.38	1.07	1.08
3520.0	1.42	1.06	1.06
3530.0	1.45	1.05	1.05
3540.0	1.47	1.05	1.04
3550.0	1.49	1.04	1.03
3560.0	1.50	1.04	1.03
3580.0	1.50	1.04	1.02

[1]Total Loss = Insertion Loss + 9dB Splitter Loss