8 Way Power Splitter/Combiner ZB8PD-22-75+

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	1-7	3-4	5-7	
950.0	9.41	9.44	9.50	9.44	9.51	9.43	0.10	24.17	31.28	24.18	28.46	51.01
960.0	9.44	9.43	9.49	9.46	9.50	9.44	0.07	23.76	31.21	23.96	28.66	51.42
970.0	9.41	9.46	9.51	9.50	9.52	9.48	0.12	23.51	31.37	23.67	29.07	51.73
980.0	9.42	9.48	9.55	9.51	9.54	9.46	0.16	23.07	31.57	23.46	29.47	52.03
990.0	9.45	9.49	9.56	9.47	9.54	9.47	0.15	22.72	31.78	23.24	29.87	52.67
1000.0	9.45	9.55	9.58	9.53	9.54	9.53	0.15	22.39	32.05	23.05	30.52	52.86
1020.0	9.49	9.61	9.57	9.52	9.57	9.55	0.13	22.05	32.13	23.00	30.73	53.78
1040.0	9.50	9.60	9.54	9.51	9.64	9.56	0.14	21.74	32.45	22.90	31.55	55.09
1060.0	9.52	9.62	9.61	9.54	9.58	9.60	0.16	21.49	32.68	22.97	32.17	56.06
1080.0	9.55	9.63	9.59	9.57	9.64	9.60	0.15	21.33	32.83	23.18	32.75	57.08
1100.0	9.54	9.57	9.54	9.52	9.56	9.58	0.14	21.10	32.95	23.49	33.17	58.30
1120.0	9.48	9.57	9.50	9.49	9.50	9.53	0.15	21.22	33.01	23.81	33.56	59.50
1140.0	9.51	9.57	9.52	9.49	9.52	9.55	0.09	21.11	33.13	24.10	34.04	60.60
1160.0	9.46	9.50	9.44	9.45	9.47	9.48	0.14	21.30	33.24	24.40	34.35	61.59
1180.0	9.44	9.43	9.45	9.45	9.42	9.45	0.08	21.54	33.32	24.64	34.51	62.47
1200.0	9.43	9.50	9.48	9.48	9.43	9.47	0.14	21.69	33.29	24.83	34.51	63.36
1220.0	9.45	9.46	9.49	9.46	9.47	9.49	0.10	21.84	33.32	24.96	34.76	64.70
1240.0	9.48	9.51	9.50	9.52	9.47	9.50	0.12	21.97	33.38	25.04	35.00	66.12
1260.0	9.54	9.54	9.53	9.55	9.51	9.56	0.08	22.14	33.27	25.04	35.25	66.83
1280.0	9.56	9.60	9.58	9.62	9.62	9.61	0.12	22.47	33.17	24.96	35.40	68.16
1300.0	9.59	9.63	9.67	9.66	9.68	9.66	0.11	22.61	33.17	24.84	35.53	69.11
1320.0	9.65	9.68	9.69	9.71	9.73	9.68	0.10	22.92	33.37	24.75	35.84	70.38
1340.0	9.71	9.70	9.73	9.75	9.75	9.72	0.11	23.14	33.60	24.61	35.64	71.21
1360.0	9.68	9.67	9.74	9.77	9.73	9.70	0.11	23.22	33.72	24.44	34.67	71.99
1400.0	9.72	9.71	9.80	9.84	9.77	9.72	0.13	23.08	33.67	24.47	34.08	74.31
1450.0	9.63	9.67	9.74	9.76	9.73	9.67	0.17	22.76	34.17	24.78	32.32	76.91
1500.0	9.64	9.61	9.74	9.75	9.65	9.64	0.14	22.29	34.67	25.61	30.59	79.38
1550.0	9.53	9.57	9.67	9.68	9.63	9.61	0.16	22.10	35.20	26.60	29.12	82.22
1600.0	9.54	9.52	9.65	9.64	9.63	9.57	0.13	22.69	35.74	27.32	28.12	85.21
1650.0	9.44	9.48	9.63	9.61	9.59	9.50	0.20	23.13	36.49	27.46	27.64	88.27
1700.0	9.56	9.57	9.70	9.68	9.71	9.59	0.17	23.62	37.17	27.40	27.51	91.38
1750.0	9.58	9.64	9.78	9.75	9.76	9.60	0.26	23.97	38.01	27.46	27.65	94.21
1800.0	9.68	9.75	9.90	9.92	9.92	9.71	0.29	23.75	39.20	27.71	27.54	97.60
1850.0	9.68	9.74	9.97	9.97	9.99	9.67	0.31	22.99	40.80	28.80	26.93	101.04
1900.0	9.73	9.75	10.08	10.02	10.01	9.76	0.35	22.09	42.62	31.68	26.17	103.97
1950.0	9.62	9.65	10.04	10.01	10.03	9.66	0.42	21.42	45.26	38.86	25.62	106.61
2000.0	9.58	9.61	9.99	9.87	9.98	9.61	0.41	21.25	48.26	38.46	25.51	109.33
2050.0	9.48	9.51	9.90	9.76	9.83	9.52	0.41	22.08	47.28	29.73	26.18	112.02
2100.0	9.48	9.53	9.81	9.80	9.86	9.57	0.37	24.48	43.03	24.02	27.90	115.03
2150.0	9.42	9.48	9.82	9.75	9.76	9.46	0.40	31.02	38.54	21.69	30.02	117.43
2200.0	9.62	9.64	10.02	9.94	9.92	9.69	0.40	42.97	36.12	20.98	31.06	119.99

FREQ. (MHz)	VSWR (:1)		
	S	1	8
950.0	1.35	1.14	1.10
960.0	1.36	1.13	1.09
970.0	1.38	1.11	1.07
980.0	1.40	1.11	1.07
990.0	1.43	1.10	1.06
1000.0	1.46	1.10	1.06
1020.0	1.49	1.09	1.04
1040.0	1.50	1.08	1.04
1060.0	1.49	1.09	1.04
1080.0	1.46	1.11	1.05
1100.0	1.39	1.12	1.06
1120.0	1.31	1.13	1.07
1140.0	1.21	1.13	1.07
1160.0	1.12	1.14	1.07
1180.0	1.04	1.14	1.07
1200.0	1.07	1.13	1.08
1220.0	1.17	1.12	1.08
1240.0	1.27	1.12	1.09
1260.0	1.36	1.11	1.09
1280.0	1.44	1.09	1.09
1300.0	1.51	1.09	1.09
1320.0	1.57	1.08	1.09
1340.0	1.60	1.07	1.09
1360.0	1.62	1.06	1.09
1400.0	1.61	1.05	1.09
1450.0	1.54	1.06	1.10
1500.0	1.43	1.06	1.11
1550.0	1.33	1.05	1.13
1600.0	1.24	1.05	1.13
1650.0	1.23	1.06	1.11
1700.0	1.34	1.10	1.11
1750.0	1.48	1.14	1.09
1800.0	1.56	1.21	1.13
1850.0	1.58	1.27	1.20
1900.0	1.51	1.31	1.27
1950.0	1.39	1.33	1.34
2000.0	1.29	1.31	1.36
2050.0	1.19	1.27	1.35
2100.0	1.14	1.21	1.29
2150.0	1.20	1.18	1.26
2200.0	1.33	1.22	1.32

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