4 Way-0° Power Splitter/Combiner ZB4PD1-ED14818/1

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		1-2	2-3	3-4	
400.0	6.41	6.39	6.26	6.30	0.15	19.04	22.92	19.43	0.47
500.0	6.47	6.47	6.34	6.37	0.13	25.30	28.08	25.72	0.49
600.0	6.44	6.44	6.32	6.34	0.12	31.62	36.17	32.12	0.53
650.0	6.43	6.44	6.32	6.33	0.12	34.87	39.67	35.47	0.46
700.0	6.44	6.45	6.33	6.34	0.12	30.78	37.71	30.87	0.56
750.0	6.46	6.48	6.34	6.36	0.14	27.34	34.96	27.38	0.47
800.0	6.47	6.50	6.36	6.37	0.14	25.75	33.05	25.84	0.60
850.0	6.51	6.53	6.37	6.40	0.16	25.57	32.08	25.77	0.65
900.0	6.52	6.54	6.40	6.42	0.15	26.43	31.74	26.87	0.71
950.0	6.55	6.57	6.42	6.45	0.14	28.12	31.98	28.99	0.88
1000.0	6.57	6.59	6.46	6.47	0.14	29.86	32.98	31.33	0.79
1050.0	6.57	6.60	6.47	6.48	0.12	31.20	34.82	33.19	0.87
1100.0	6.59	6.62	6.48	6.50	0.14	32.65	37.47	34.90	0.79
1150.0	6.59	6.63	6.50	6.50	0.13	34.99	40.76	37.82	0.80
1200.0	6.61	6.65	6.51	6.52	0.14	37.27	41.55	40.28	0.83
1300.0	6.63	6.67	6.54	6.54	0.14	30.94	36.33	31.23	0.82
1400.0	6.65	6.70	6.54	6.55	0.16	26.67	32.98	27.04	0.83
1500.0	6.68	6.74	6.56	6.57	0.18	25.40	31.50	26.05	1.09
1600.0	6.71	6.78	6.62	6.61	0.17	24.82	31.54	25.56	1.39
1700.0	6.74	6.83	6.69	6.67	0.16	24.99	33.55	25.86	1.48
1800.0	6.76	6.86	6.71	6.69	0.17	27.98	38.85	29.16	1.21
1850.0	6.75	6.86	6.70	6.69	0.17	31.61	44.67	33.67	1.16
1900.0	6.76	6.86	6.70	6.70	0.17	38.24	49.44	44.46	1.16
1950.0	6.78	6.88	6.71	6.72	0.17	44.11	43.87	41.39	1.18
2000.0	6.80	6.91	6.73	6.75	0.18	36.54	39.94	34.55	1.22
2050.0	6.82	6.93	6.74	6.76	0.19	33.12	37.50	32.12	1.23
2100.0	6.83	6.95	6.75	6.78	0.20	31.20	35.99	31.32	1.29
2150.0	6.84	6.97	6.77	6.80	0.20	29.53	34.93	30.93	1.36
2200.0	6.87	7.00	6.79	6.82	0.21	27.71	34.16	29.74	1.49
2250.0	6.89	7.04	6.83	6.86	0.21	25.76	33.28	27.38	1.62
2300.0	6.93	7.09	6.87	6.91	0.22	23.81	32.29	24.52	1.82
2350.0	6.98	7.16	6.96	6.99	0.20	21.94	30.80	21.85	1.90
2400.0	7.09	7.30	7.11	7.13	0.21	20.20	29.22	19.59	2.02

FREQ. (MHz)	VSWR (:1)				
	S	1	2	3	4
400.0	1.25	1.12	1.11	1.11	1.11
500.0	1.34	1.09	1.09	1.10	1.10
600.0	1.21	1.04	1.06	1.08	1.08
650.0	1.14	1.05	1.07	1.07	1.08
700.0	1.11	1.06	1.07	1.06	1.07
750.0	1.12	1.06	1.06	1.04	1.05
800.0	1.13	1.04	1.05	1.03	1.03
850.0	1.13	1.03	1.04	1.02	1.03
900.0	1.11	1.02	1.04	1.03	1.04
950.0	1.09	1.02	1.04	1.04	1.04
1000.0	1.06	1.02	1.04	1.03	1.04
1050.0	1.05	1.01	1.02	1.02	1.02
1100.0	1.09	1.02	1.01	1.04	1.03
1150.0	1.13	1.05	1.03	1.06	1.06
1200.0	1.16	1.07	1.06	1.09	1.08
1300.0	1.15	1.11	1.09	1.11	1.11
1400.0	1.09	1.11	1.09	1.11	1.10
1500.0	1.05	1.09	1.08	1.10	1.10
1600.0	1.13	1.08	1.07	1.08	1.08
1700.0	1.18	1.03	1.03	1.05	1.04
1800.0	1.14	1.02	1.01	1.05	1.06
1850.0	1.11	1.05	1.03	1.07	1.08
1900.0	1.09	1.07	1.04	1.07	1.09
1950.0	1.09	1.08	1.05	1.07	1.09
2000.0	1.09	1.09	1.05	1.06	1.09
2050.0	1.08	1.09	1.05	1.05	1.08
2100.0	1.05	1.10	1.05	1.05	1.08
2150.0	1.02	1.10	1.06	1.05	1.08
2200.0	1.07	1.11	1.06	1.05	1.09
2250.0	1.14	1.12	1.08	1.06	1.10
2300.0	1.21	1.13	1.09	1.08	1.11
2350.0	1.31	1.14	1.11	1.09	1.13
2400.0	1.45	1.14	1.13	1.12	1.15

[1]Total Loss = Insertion Loss + 6dB Splitter Loss