4 Way-0° Power Splitter/Combiner ZB4PD-ED13815A/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	
700.0	6.36	6.36	6.29	6.34	0.07	19.86	20.71	19.91	1.34
800.0	6.47	6.50	6.42	6.46	0.07	23.43	23.15	23.49	1.29
900.0	6.41	6.47	6.43	6.41	0.06	25.14	26.01	25.24	1.52
950.0	6.36	6.41	6.40	6.35	0.06	24.89	27.46	24.99	1.68
1000.0	6.32	6.37	6.36	6.31	0.06	24.25	28.77	24.35	1.97
1050.0	6.30	6.35	6.34	6.28	0.07	23.59	29.69	23.67	2.22
1100.0	6.30	6.36	6.32	6.29	0.07	23.13	30.11	23.20	2.41
1150.0	6.32	6.38	6.33	6.31	0.06	22.98	30.02	23.06	2.55
1200.0	6.34	6.40	6.34	6.34	0.06	23.22	29.66	23.32	2.60
1250.0	6.36	6.42	6.36	6.36	0.06	23.86	29.18	24.00	2.66
1300.0	6.38	6.43	6.38	6.37	0.06	24.91	28.75	25.11	2.75
1350.0	6.39	6.44	6.38	6.38	0.07	26.30	28.46	26.61	2.86
1400.0	6.39	6.45	6.38	6.38	0.07	27.67	28.31	28.14	2.96
1450.0	6.39	6.45	6.37	6.38	0.08	28.37	28.40	28.88	3.01
1500.0	6.40	6.46	6.37	6.39	0.09	27.98	28.70	28.32	2.99
1550.0	6.40	6.48	6.38	6.40	0.10	26.95	29.30	27.09	2.94
1600.0	6.42	6.50	6.40	6.41	0.10	26.00	30.22	25.98	2.87
1650.0	6.43	6.53	6.44	6.43	0.10	25.45	31.53	25.34	2.82
1700.0	6.45	6.55	6.48	6.45	0.11	25.35	33.41	25.18	2.84
1750.0	6.47	6.57	6.52	6.46	0.12	25.74	35.93	25.54	2.95
1800.0	6.48	6.59	6.55	6.47	0.13	26.57	38.99	26.39	3.15
1850.0	6.47	6.60	6.57	6.46	0.14	27.69	39.85	27.59	3.43
1900.0	6.46	6.60	6.57	6.44	0.16	28.86	36.58	28.91	3.76
1950.0	6.44	6.59	6.56	6.43	0.16	29.48	33.04	29.70	4.10
2000.0	6.43	6.59	6.54	6.43	0.17	29.39	30.20	29.65	4.40
2050.0	6.43	6.61	6.52	6.44	0.18	28.86	27.90	29.00	4.61
2100.0	6.47	6.66	6.51	6.45	0.21	28.19	26.06	28.21	4.86
2150.0	6.54	6.74	6.51	6.47	0.27	27.24	24.48	27.31	4.95
2200.0	6.62	6.83	6.50	6.50	0.33	25.58	23.17	25.85	4.70
2250.0	6.68	6.89	6.51	6.55	0.38	23.36	22.04	23.68	4.48
2300.0	6.66	6.89	6.58	6.64	0.31	20.99	21.11	21.13	4.92

FREQ. (MHz)	VSWR (:1)				
	S	1	2	3	4
700.0	1.37	1.25	1.27	1.29	1.25
800.0	1.53	1.27	1.30	1.31	1.27
900.0	1.45	1.27	1.31	1.30	1.26
950.0	1.34	1.26	1.30	1.28	1.25
1000.0	1.22	1.24	1.28	1.26	1.22
1050.0	1.12	1.21	1.27	1.24	1.20
1100.0	1.07	1.19	1.25	1.22	1.18
1150.0	1.12	1.17	1.24	1.21	1.16
1200.0	1.18	1.16	1.23	1.19	1.15
1250.0	1.24	1.15	1.21	1.18	1.14
1300.0	1.27	1.13	1.18	1.16	1.12
1350.0	1.27	1.12	1.15	1.13	1.11
1400.0	1.24	1.11	1.10	1.10	1.09
1450.0	1.20	1.09	1.06	1.06	1.08
1500.0	1.14	1.08	1.01	1.02	1.08
1550.0	1.11	1.06	1.04	1.03	1.08
1600.0	1.11	1.06	1.09	1.07	1.09
1650.0	1.14	1.06	1.14	1.11	1.10
1700.0	1.19	1.08	1.17	1.15	1.10
1750.0	1.22	1.09	1.19	1.18	1.10
1800.0	1.25	1.09	1.20	1.20	1.09
1850.0	1.24	1.09	1.19	1.20	1.07
1900.0	1.21	1.07	1.18	1.19	1.05
1950.0	1.16	1.06	1.16	1.18	1.05
2000.0	1.10	1.08	1.14	1.15	1.07
2050.0	1.08	1.10	1.13	1.13	1.09
2100.0	1.15	1.12	1.13	1.12	1.11
2150.0	1.25	1.15	1.13	1.10	1.13
2200.0	1.32	1.19	1.13	1.09	1.16
2250.0	1.36	1.22	1.13	1.07	1.20
2300.0	1.35	1.27	1.12	1.07	1.26

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