

# 2 Way-0° Power Splitter/Combiner

# ZAPD-2-21-3W+

## Typical Performance Data

FREQ. (MHz)	TOTAL LOSS <sup>1</sup> (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
700.0	3.24	3.29	0.05	23.63	0.45	700.0	1.36	1.18	1.19
740.0	3.19	3.25	0.06	25.44	0.45	740.0	1.29	1.18	1.19
780.0	3.20	3.26	0.05	26.79	0.48	780.0	1.26	1.17	1.18
800.0	3.19	3.24	0.05	27.11	0.47	800.0	1.22	1.16	1.17
840.0	3.16	3.22	0.05	26.97	0.51	840.0	1.16	1.15	1.16
880.0	3.18	3.23	0.05	26.24	0.55	880.0	1.13	1.14	1.15
900.0	3.16	3.21	0.05	25.78	0.56	900.0	1.10	1.13	1.13
940.0	3.16	3.21	0.05	24.90	0.56	940.0	1.06	1.13	1.13
980.0	3.17	3.22	0.05	24.22	0.59	980.0	1.03	1.12	1.12
1000.0	3.17	3.22	0.05	23.95	0.64	1000.0	1.02	1.11	1.11
1040.0	3.17	3.23	0.06	23.58	0.63	1040.0	1.06	1.12	1.12
1080.0	3.19	3.24	0.05	23.43	0.66	1080.0	1.08	1.11	1.11
1100.0	3.19	3.25	0.06	23.43	0.61	1100.0	1.10	1.12	1.11
1140.0	3.21	3.27	0.06	23.59	0.67	1140.0	1.14	1.14	1.14
1180.0	3.22	3.27	0.06	23.98	0.74	1180.0	1.16	1.14	1.14
1200.0	3.22	3.29	0.06	24.26	0.75	1200.0	1.18	1.15	1.15
1240.0	3.24	3.29	0.06	24.98	0.75	1240.0	1.20	1.17	1.16
1280.0	3.25	3.31	0.06	25.99	0.76	1280.0	1.22	1.17	1.16
1300.0	3.26	3.33	0.06	26.61	0.81	1300.0	1.22	1.18	1.18
1340.0	3.26	3.33	0.07	28.11	0.82	1340.0	1.23	1.18	1.17
1380.0	3.28	3.34	0.06	30.06	0.84	1380.0	1.24	1.17	1.17
1400.0	3.29	3.35	0.06	31.24	0.86	1400.0	1.23	1.18	1.18
1450.0	3.29	3.36	0.07	34.93	0.87	1450.0	1.22	1.16	1.16
1500.0	3.29	3.36	0.07	38.47	0.91	1500.0	1.20	1.16	1.16
1540.0	3.29	3.35	0.06	37.88	0.94	1540.0	1.19	1.13	1.13
1580.0	3.29	3.36	0.07	35.24	0.97	1580.0	1.17	1.13	1.12
1600.0	3.29	3.36	0.07	34.02	0.97	1600.0	1.15	1.13	1.12
1640.0	3.30	3.37	0.07	32.06	0.96	1640.0	1.16	1.10	1.08
1680.0	3.30	3.37	0.07	30.76	1.00	1680.0	1.15	1.10	1.08
1700.0	3.32	3.39	0.07	30.34	1.03	1700.0	1.14	1.12	1.09
1740.0	3.32	3.39	0.07	29.87	1.06	1740.0	1.18	1.11	1.07
1780.0	3.33	3.40	0.08	29.91	1.10	1780.0	1.16	1.12	1.08
1800.0	3.35	3.42	0.07	30.14	1.15	1800.0	1.18	1.14	1.10
1840.0	3.35	3.43	0.08	31.05	1.16	1840.0	1.20	1.14	1.10
1880.0	3.35	3.45	0.09	32.67	1.15	1880.0	1.19	1.16	1.12
1900.0	3.37	3.45	0.09	33.80	1.14	1900.0	1.19	1.18	1.14
1940.0	3.38	3.46	0.09	36.09	1.16	1940.0	1.19	1.17	1.13
1980.0	3.37	3.45	0.09	35.20	1.19	1980.0	1.15	1.17	1.13
2000.0	3.42	3.50	0.09	33.35	1.24	2000.0	1.15	1.17	1.14
2100.0	3.42	3.51	0.09	24.32	1.31	2100.0	1.11	1.12	1.09

<sup>1</sup> Total Loss = Insertion Loss+ 3dB Splitter Loss

