

# 2 Way-0° Power Splitter/Combiner

**ZAPD-23+**

## Typical Performance Data

FREQ. (MHz)	TOTAL LOSS <sup>1</sup> (dB)		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
150.0	3.56	3.57	0.01	8.58	0.01	150.0	1.88	1.63	1.63
200.0	3.54	3.55	0.01	10.48	0.01	200.0	1.82	1.55	1.55
250.0	3.51	3.52	0.01	12.23	0.01	250.0	1.76	1.48	1.49
300.0	3.46	3.47	0.02	13.86	0.03	300.0	1.68	1.42	1.42
350.0	3.41	3.43	0.02	15.52	0.06	350.0	1.59	1.35	1.36
400.0	3.36	3.38	0.02	17.28	0.08	400.0	1.50	1.29	1.30
450.0	3.31	3.33	0.02	19.23	0.10	450.0	1.41	1.22	1.23
500.0	3.27	3.29	0.02	21.59	0.13	500.0	1.31	1.16	1.16
550.0	3.25	3.26	0.01	24.44	0.14	550.0	1.22	1.10	1.10
600.0	3.23	3.25	0.01	28.31	0.17	600.0	1.14	1.04	1.04
650.0	3.24	3.25	0.01	33.38	0.19	650.0	1.06	1.02	1.01
700.0	3.25	3.26	0.01	35.36	0.22	700.0	1.03	1.07	1.07
750.0	3.27	3.28	0.01	31.79	0.24	750.0	1.09	1.12	1.11
800.0	3.30	3.31	0.01	28.70	0.25	800.0	1.15	1.17	1.16
820.0	3.31	3.32	0.01	27.83	0.27	820.0	1.17	1.18	1.18
840.0	3.32	3.33	0.01	27.14	0.29	840.0	1.19	1.20	1.19
860.0	3.33	3.34	0.01	26.59	0.31	860.0	1.21	1.21	1.21
880.0	3.35	3.35	0.01	26.13	0.32	880.0	1.23	1.23	1.22
900.0	3.36	3.36	0.01	25.77	0.32	900.0	1.25	1.24	1.23
990.0	3.40	3.40	0.01	24.94	0.37	990.0	1.31	1.26	1.25
1080.0	3.41	3.41	0.01	25.59	0.40	1080.0	1.30	1.24	1.23
1170.0	3.40	3.41	0.01	27.88	0.43	1170.0	1.25	1.18	1.17
1260.0	3.39	3.40	0.01	32.22	0.47	1260.0	1.15	1.10	1.10
1350.0	3.39	3.40	0.01	34.63	0.51	1350.0	1.05	1.02	1.02
1440.0	3.42	3.43	0.01	29.90	0.54	1440.0	1.05	1.07	1.07
1530.0	3.46	3.47	0.01	26.32	0.60	1530.0	1.16	1.16	1.15
1620.0	3.50	3.51	0.01	24.42	0.62	1620.0	1.25	1.22	1.21
1710.0	3.54	3.55	0.01	23.78	0.67	1710.0	1.30	1.25	1.24
1800.0	3.55	3.56	0.01	25.03	0.71	1800.0	1.29	1.24	1.23
1850.0	3.54	3.55	0.01	26.42	0.75	1850.0	1.26	1.21	1.20
1900.0	3.53	3.54	0.01	29.24	0.77	1900.0	1.21	1.18	1.17
1920.0	3.53	3.54	0.01	31.00	0.77	1920.0	1.18	1.17	1.16
1940.0	3.53	3.54	0.01	33.27	0.79	1940.0	1.16	1.15	1.14
1960.0	3.53	3.54	0.01	36.52	0.80	1960.0	1.13	1.13	1.13
1980.0	3.53	3.54	0.01	42.34	0.81	1980.0	1.10	1.12	1.11
2000.0	3.53	3.54	0.01	46.37	0.82	2000.0	1.07	1.10	1.09
2200.0	3.68	3.70	0.02	19.33	0.89	2200.0	1.27	1.07	1.07
2400.0	4.09	4.11	0.02	12.79	0.87	2400.0	1.71	1.14	1.13
2600.0	4.38	4.39	0.01	10.27	0.93	2600.0	1.90	1.08	1.09
2800.0	4.32	4.34	0.02	9.85	1.14	2800.0	2.02	1.36	1.37
3000.0	4.26	4.29	0.03	11.41	1.33	3000.0	2.02	1.78	1.78

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

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