

2 Way-0° Power Splitter/Combiner

ZAPD-ED13190/2

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (Deg)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
500.0	3.39	3.32	0.07	12.58	0.13	500.0	1.63	1.27	1.28
600.0	3.33	3.25	0.08	14.41	0.13	600.0	1.51	1.19	1.19
700.0	3.27	3.19	0.08	16.43	0.12	700.0	1.40	1.12	1.11
720.0	3.26	3.18	0.09	16.87	0.11	720.0	1.37	1.10	1.09
740.0	3.25	3.17	0.09	17.32	0.11	740.0	1.35	1.09	1.08
760.0	3.24	3.16	0.09	17.80	0.09	760.0	1.33	1.08	1.06
780.0	3.23	3.15	0.09	18.29	0.10	780.0	1.31	1.07	1.05
800.0	3.23	3.14	0.09	18.80	0.10	800.0	1.29	1.06	1.04
820.0	3.22	3.13	0.09	19.34	0.10	820.0	1.27	1.05	1.03
840.0	3.22	3.13	0.09	19.90	0.10	840.0	1.25	1.04	1.02
860.0	3.21	3.12	0.09	20.51	0.08	860.0	1.23	1.04	1.02
880.0	3.20	3.12	0.08	21.16	0.10	880.0	1.21	1.04	1.03
900.0	3.20	3.11	0.08	21.83	0.11	900.0	1.20	1.04	1.04
1000.0	3.19	3.11	0.08	26.01	0.13	1000.0	1.14	1.08	1.09
1100.0	3.19	3.13	0.06	33.09	0.14	1100.0	1.13	1.12	1.15
1200.0	3.20	3.15	0.06	41.64	0.18	1200.0	1.16	1.16	1.19
1300.0	3.22	3.17	0.05	31.34	0.24	1300.0	1.20	1.19	1.23
1400.0	3.24	3.19	0.05	27.06	0.30	1400.0	1.23	1.20	1.25
1500.0	3.25	3.20	0.05	24.82	0.37	1500.0	1.24	1.21	1.25
1600.0	3.25	3.19	0.06	23.63	0.41	1600.0	1.24	1.20	1.24
1700.0	3.25	3.18	0.07	23.12	0.45	1700.0	1.21	1.18	1.22
1800.0	3.24	3.17	0.07	23.16	0.46	1800.0	1.17	1.17	1.20
1900.0	3.24	3.15	0.08	23.69	0.45	1900.0	1.13	1.16	1.19
2000.0	3.23	3.15	0.09	24.64	0.46	2000.0	1.09	1.17	1.19
2100.0	3.24	3.15	0.08	25.86	0.46	2100.0	1.09	1.19	1.21
2200.0	3.25	3.17	0.08	26.79	0.47	2200.0	1.12	1.20	1.23
2230.0	3.25	3.17	0.08	26.99	0.50	2230.0	1.14	1.21	1.24
2260.0	3.25	3.17	0.08	27.01	0.51	2260.0	1.15	1.21	1.24
2290.0	3.26	3.18	0.08	26.92	0.50	2290.0	1.16	1.22	1.25
2320.0	3.27	3.19	0.08	26.84	0.52	2320.0	1.18	1.23	1.26
2350.0	3.27	3.19	0.08	26.59	0.58	2350.0	1.19	1.23	1.26
2380.0	3.28	3.20	0.08	26.31	0.58	2380.0	1.20	1.23	1.26
2410.0	3.29	3.21	0.08	26.05	0.57	2410.0	1.21	1.23	1.27
2440.0	3.29	3.21	0.08	25.66	0.63	2440.0	1.22	1.24	1.27
2470.0	3.29	3.22	0.07	25.34	0.63	2470.0	1.22	1.23	1.27
2500.0	3.31	3.23	0.07	25.06	0.62	2500.0	1.23	1.23	1.27
2600.0	3.32	3.24	0.08	24.18	0.67	2600.0	1.23	1.22	1.26
2700.0	3.33	3.24	0.09	23.79	0.73	2700.0	1.21	1.21	1.25
2800.0	3.35	3.24	0.10	23.81	0.78	2800.0	1.20	1.21	1.24
2900.0	3.37	3.25	0.12	23.97	0.83	2900.0	1.21	1.23	1.26
3000.0	3.40	3.27	0.13	23.35	0.93	3000.0	1.26	1.27	1.31

¹Total Loss = Insertion Loss + 3dB Splitter Loss