

2 Way-0° Power Splitter/Combiner

ZAPD-21+

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	(dB)						S	1	2
	S-1	S-2							
500.0	3.17	3.14	0.03	21.12	0.45	500.0	1.31	1.16	1.17
525.0	3.18	3.15	0.03	22.44	0.48	525.0	1.27	1.13	1.14
550.0	3.14	3.11	0.03	23.93	0.43	550.0	1.22	1.10	1.11
575.0	3.12	3.10	0.02	25.62	0.50	575.0	1.18	1.07	1.08
600.0	3.12	3.09	0.03	27.55	0.50	600.0	1.13	1.04	1.05
625.0	3.14	3.12	0.02	29.70	0.53	625.0	1.10	1.02	1.03
650.0	3.13	3.09	0.03	31.94	0.59	650.0	1.06	1.02	1.01
675.0	3.14	3.11	0.03	33.67	0.60	675.0	1.03	1.04	1.02
700.0	3.13	3.12	0.01	33.86	0.62	700.0	1.03	1.07	1.05
725.0	3.15	3.12	0.03	32.66	0.58	725.0	1.05	1.09	1.07
750.0	3.08	3.05	0.03	30.96	0.61	750.0	1.08	1.11	1.09
775.0	3.14	3.11	0.04	29.56	0.77	775.0	1.12	1.13	1.12
800.0	3.19	3.14	0.04	28.38	0.63	800.0	1.14	1.15	1.13
825.0	3.22	3.19	0.03	27.43	0.73	825.0	1.17	1.17	1.15
850.0	3.19	3.15	0.04	26.62	0.76	850.0	1.20	1.19	1.17
875.0	3.09	3.07	0.03	25.97	0.79	875.0	1.22	1.20	1.18
900.0	3.18	3.15	0.03	25.73	0.77	900.0	1.24	1.21	1.19
925.0	3.22	3.18	0.03	25.50	0.73	925.0	1.26	1.22	1.20
950.0	3.25	3.21	0.04	25.35	0.75	950.0	1.28	1.23	1.21
975.0	3.23	3.19	0.04	25.28	0.77	975.0	1.29	1.23	1.22
1000.0	3.21	3.17	0.04	25.37	0.68	1000.0	1.29	1.23	1.22
1050.0	3.16	3.15	0.01	25.90	0.82	1050.0	1.29	1.22	1.22
1100.0	3.28	3.24	0.04	26.94	0.98	1100.0	1.28	1.21	1.21
1150.0	3.18	3.16	0.03	28.28	0.76	1150.0	1.25	1.18	1.19
1200.0	3.17	3.14	0.03	30.28	0.92	1200.0	1.21	1.15	1.16
1250.0	3.27	3.23	0.04	32.32	0.99	1250.0	1.16	1.12	1.13
1300.0	3.20	3.19	0.02	33.12	1.03	1300.0	1.12	1.09	1.10
1350.0	3.23	3.21	0.02	31.50	1.12	1350.0	1.07	1.05	1.07
1400.0	3.19	3.17	0.02	29.13	1.15	1400.0	1.03	1.01	1.03
1450.0	3.24	3.23	0.01	27.09	1.17	1450.0	1.05	1.02	1.01
1500.0	3.21	3.18	0.02	25.58	1.20	1500.0	1.09	1.05	1.02
1550.0	3.27	3.23	0.03	24.62	1.32	1550.0	1.12	1.08	1.06
1600.0	3.23	3.19	0.04	24.08	1.27	1600.0	1.16	1.10	1.08
1650.0	3.27	3.24	0.03	24.13	1.39	1650.0	1.18	1.12	1.11
1700.0	3.29	3.25	0.04	24.57	1.32	1700.0	1.20	1.14	1.12
1750.0	3.24	3.22	0.02	25.55	1.40	1750.0	1.21	1.15	1.14
1800.0	3.35	3.31	0.03	27.44	1.41	1800.0	1.22	1.16	1.15
1850.0	3.30	3.27	0.03	30.36	1.43	1850.0	1.21	1.17	1.16
1900.0	3.33	3.30	0.03	35.87	1.42	1900.0	1.19	1.18	1.17
1950.0	3.33	3.32	0.01	43.17	1.38	1950.0	1.18	1.18	1.18
2000.0	3.31	3.29	0.01	33.59	1.48	2000.0	1.15	1.17	1.18

¹Total Loss = Insertion Loss + 3dB Splitter Loss

