

2 Way-0° Power Splitter/Combiner

ZAPD-1+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
500.0	3.14	3.14	0.00	22.98	0.10	500.0	1.09	1.10	1.10
512.5	3.15	3.13	0.02	23.95	0.07	512.5	1.07	1.10	1.09
525.0	3.14	3.14	0.00	25.04	0.13	525.0	1.05	1.09	1.09
537.5	3.14	3.14	0.00	26.20	0.02	537.5	1.04	1.09	1.08
550.0	3.14	3.14	0.00	27.53	0.01	550.0	1.03	1.08	1.08
562.5	3.16	3.17	0.01	28.96	0.07	562.5	1.02	1.08	1.08
575.0	3.18	3.18	0.00	30.57	0.09	575.0	1.03	1.07	1.07
587.5	3.17	3.17	0.00	32.19	0.13	587.5	1.03	1.07	1.07
600.0	3.14	3.15	0.01	33.81	0.12	600.0	1.04	1.07	1.07
612.5	3.14	3.15	0.00	35.10	0.09	612.5	1.05	1.07	1.07
625.0	3.15	3.16	0.00	35.73	0.08	625.0	1.06	1.07	1.07
637.5	3.16	3.17	0.00	35.36	0.14	637.5	1.07	1.07	1.07
650.0	3.17	3.17	0.01	34.40	0.07	650.0	1.07	1.07	1.07
662.5	3.17	3.17	0.00	33.23	0.13	662.5	1.08	1.07	1.07
675.0	3.16	3.16	0.01	32.05	0.15	675.0	1.08	1.07	1.07
687.5	3.17	3.16	0.00	31.06	0.08	687.5	1.09	1.07	1.07
700.0	3.17	3.17	0.00	30.16	0.09	700.0	1.09	1.08	1.08
712.5	3.16	3.17	0.01	29.43	0.16	712.5	1.09	1.08	1.08
725.0	3.18	3.17	0.01	28.83	0.09	725.0	1.09	1.08	1.09
737.5	3.22	3.22	0.00	28.42	0.10	737.5	1.09	1.09	1.09
750.0	3.28	3.29	0.01	28.03	0.02	750.0	1.09	1.09	1.09
762.5	3.29	3.31	0.01	27.77	0.05	762.5	1.09	1.10	1.10
775.0	3.27	3.27	0.01	27.54	0.16	775.0	1.08	1.10	1.10
787.5	3.23	3.22	0.01	27.39	0.13	787.5	1.08	1.11	1.11
800.0	3.19	3.19	0.00	27.33	0.16	800.0	1.07	1.11	1.11
812.5	3.15	3.16	0.01	27.34	0.10	812.5	1.07	1.12	1.11
825.0	3.10	3.12	0.01	27.45	0.10	825.0	1.06	1.12	1.12
837.5	3.08	3.08	0.00	27.65	0.10	837.5	1.05	1.12	1.12
850.0	3.13	3.13	0.00	28.07	0.11	850.0	1.05	1.12	1.12
862.5	3.28	3.27	0.01	28.67	0.14	862.5	1.05	1.13	1.12
875.0	3.37	3.38	0.00	29.34	0.09	875.0	1.05	1.13	1.13
887.5	3.34	3.35	0.01	30.13	0.11	887.5	1.05	1.13	1.13
900.0	3.28	3.28	0.00	31.09	0.14	900.0	1.06	1.13	1.13
912.5	3.24	3.25	0.01	32.40	0.17	912.5	1.07	1.13	1.13
925.0	3.23	3.23	0.00	34.10	0.13	925.0	1.08	1.13	1.13
937.5	3.23	3.22	0.01	36.50	0.24	937.5	1.09	1.13	1.13
950.0	3.18	3.19	0.01	40.23	0.18	950.0	1.11	1.13	1.13
962.5	3.16	3.15	0.01	47.44	0.24	962.5	1.12	1.13	1.12
975.0	3.18	3.18	0.00	53.09	0.19	975.0	1.14	1.13	1.12
987.5	3.24	3.24	0.00	41.15	0.21	987.5	1.16	1.13	1.12
1000.0	3.27	3.28	0.01	36.11	0.19	1000.0	1.18	1.13	1.12

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

