9 Way-0° Power Splitter/Combiner ZC9PD-1000

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS[1] (dB)			AMP. UNBAL. (dB)	ISOLATION (dB)		PHASE UNBAL. (deg.)
	S-1	S-2	S-3		1-2	1-3	
800.0	10.03	9.93	10.05	0.13	26.50	25.55	13.66
805.0	10.02	9.93	10.05	0.12	26.90	25.91	13.73
810.0	10.01	9.93	10.04	0.13	27.32	26.25	13.77
815.0	10.01	9.94	10.04	0.12	27.77	26.64	13.87
820.0	10.00	9.93	10.03	0.12	28.21	27.00	13.90
825.0	10.00	9.94	10.04	0.12	28.70	27.40	13.88
830.0	10.01	9.97	10.05	0.11	29.24	27.83	13.94
835.0	10.00	9.97	10.05	0.12	29.80	28.28	14.11
840.0	10.00	9.99	10.05	0.10	30.39	28.73	14.29
845.0	10.00	10.00	10.06	0.10	30.97	29.19	14.34
850.0	9.98	9.99	10.03	0.10	31.58	29.67	14.51
855.0	9.97	9.97	10.01	0.10	32.24	30.16	14.69
860.0	9.96	9.94	9.98	0.09	32.96	30.67	14.78
865.0	9.97	9.94	9.97	0.09	33.71	31.23	14.96
870.0	9.97	9.94	9.96	0.09	34.57	31.86	15.13
875.0	9.97	9.94	9.98	0.09	35.53	32.54	15.25
880.0	10.00	9.97	10.01	0.10	36.61	33.31	15.23
885.0	10.00	9.97	10.03	0.10	37.78	34.12	15.30
890.0	10.01	10.00	10.05	0.10	39.11	35.07	15.29
895.0	9.97	10.01	10.04	0.15	40.40	36.09	15.38
900.0	9.94	10.01	10.04	0.18	41.57	37.17	15.43
905.0	9.91	10.02	10.04	0.21	42.36	38.29	15.39
910.0	9.91	10.01	10.03	0.22	42.35	39.43	15.43
915.0	9.92	10.03	10.03	0.23	41.50	40.32	15.54
920.0	9.93	10.05	10.04	0.22	40.12	40.73	15.59
925.0	9.95	10.04	10.02	0.21	38.64	40.54	15.84
930.0	9.97	10.06	10.03	0.20	37.14	39.61	15.82
935.0	9.99	10.06	10.03	0.20	35.77	38.41	15.84
940.0	10.01	10.08	10.02	0.22	34.57	37.08	16.14
945.0	10.02	10.09	10.04	0.23	33.43	35.71	16.22
950.0	10.02	10.10	10.05	0.23	32.40	34.44	16.28
955.0	10.03	10.11	10.06	0.24	31.46	33.26	16.38
960.0	10.04	10.14	10.07	0.26	30.58	32.17	16.57
965.0	10.05	10.17	10.10	0.26	29.75	31.19	16.67
970.0	10.06	10.21	10.14	0.28	29.00	30.26	16.74
975.0	10.06	10.25	10.18	0.32	28.31	29.44	16.73
980.0	10.04	10.28	10.21	0.38	27.66	28.66	16.78
985.0	10.03	10.30	10.22	0.41	27.05	27.95	16.71
990.0	10.02	10.33	10.24	0.44	26.49	27.28	16.71
995.0	10.01	10.34	10.23	0.46	25.94	26.67	16.69
1000.0	10.05	10.35	10.22	0.43	25.42	26.06	16.79

FREQ. (MHz)	VSWR (:1)		
	S	1	3
800.0	1.22	1.05	1.06
805.0	1.21	1.04	1.06
810.0	1.20	1.04	1.06
815.0	1.19	1.03	1.06
820.0	1.18	1.03	1.06
825.0	1.17	1.03	1.06
830.0	1.16	1.03	1.06
835.0	1.15	1.04	1.06
840.0	1.14	1.04	1.06
845.0	1.14	1.05	1.06
850.0	1.13	1.05	1.06
855.0	1.13	1.06	1.06
860.0	1.13	1.07	1.06
865.0	1.13	1.08	1.06
870.0	1.13	1.08	1.06
875.0	1.13	1.09	1.06
880.0	1.13	1.10	1.06
885.0	1.13	1.11	1.06
890.0	1.14	1.12	1.06
895.0	1.14	1.12	1.06
900.0	1.15	1.13	1.06
905.0	1.16	1.14	1.06
910.0	1.17	1.14	1.06
915.0	1.17	1.15	1.06
920.0	1.18	1.16	1.06
925.0	1.20	1.16	1.07
930.0	1.21	1.17	1.07
935.0	1.22	1.17	1.07
940.0	1.24	1.18	1.07
945.0	1.25	1.18	1.07
950.0	1.27	1.18	1.07
955.0	1.29	1.18	1.07
960.0	1.31	1.19	1.07
965.0	1.33	1.19	1.07
970.0	1.35	1.19	1.07
975.0	1.37	1.19	1.07
980.0	1.40	1.18	1.07
985.0	1.42	1.18	1.07
990.0	1.45	1.18	1.07
995.0	1.47	1.18	1.07
1000.0	1.50	1.17	1.07

[1] Total Loss = Insertion Loss+ 9.6dB Splitter Loss