

2 Way-0° Power Splitter/Combiner 3ZN2PD-ED10805/1

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
500.00	5.11	5.16	0.05	11.90	0.59	500.00	1.33	1.08	1.09
510.00	5.11	5.15	0.05	12.18	0.55	510.00	1.32	1.08	1.09
515.00	5.10	5.15	0.05	12.32	0.54	515.00	1.32	1.08	1.09
520.00	5.10	5.15	0.04	12.48	0.52	520.00	1.31	1.08	1.09
540.00	5.09	5.13	0.04	13.07	0.56	540.00	1.29	1.07	1.08
560.00	5.05	5.08	0.03	13.69	0.55	560.00	1.28	1.07	1.08
580.00	5.05	5.07	0.03	14.39	0.53	580.00	1.26	1.07	1.08
600.00	5.05	5.06	0.02	15.15	0.58	600.00	1.24	1.07	1.08
620.00	5.03	5.05	0.02	15.96	0.63	620.00	1.22	1.07	1.08
640.00	5.01	5.02	0.01	16.84	0.58	640.00	1.20	1.07	1.08
660.00	4.99	5.00	0.02	17.82	0.65	660.00	1.18	1.06	1.08
680.00	4.99	5.00	0.01	18.93	0.72	680.00	1.16	1.06	1.08
700.00	4.98	4.99	0.01	20.20	0.70	700.00	1.14	1.06	1.08
720.00	4.98	4.98	0.00	21.68	0.80	720.00	1.12	1.06	1.08
740.00	4.97	4.97	0.00	23.41	0.78	740.00	1.10	1.05	1.07
760.00	4.98	4.97	0.00	25.58	0.84	760.00	1.08	1.05	1.07
780.00	4.96	4.95	0.01	28.44	0.88	780.00	1.06	1.05	1.06
800.00	4.95	4.95	0.00	32.63	0.92	800.00	1.04	1.04	1.06
820.00	4.96	4.96	0.00	40.93	0.93	820.00	1.04	1.05	1.06
824.00	4.96	4.97	0.00	44.21	0.91	824.00	1.04	1.05	1.06
829.00	4.97	4.96	0.01	51.63	1.01	829.00	1.04	1.05	1.06
834.00	4.97	4.98	0.00	59.58	1.00	834.00	1.04	1.05	1.06
839.00	4.97	4.98	0.01	46.93	0.91	839.00	1.04	1.05	1.06
844.00	4.98	4.97	0.00	42.00	0.96	844.00	1.04	1.05	1.06
849.00	4.97	4.97	0.00	38.92	0.98	849.00	1.05	1.05	1.06
870.00	4.97	4.97	0.00	31.71	0.97	870.00	1.07	1.06	1.06
902.00	5.01	5.00	0.00	26.51	1.02	902.00	1.10	1.08	1.07
934.00	5.03	5.03	0.01	23.38	1.24	934.00	1.14	1.11	1.08
966.00	5.04	5.05	0.02	21.15	1.10	966.00	1.19	1.14	1.12
998.00	5.12	5.14	0.02	19.51	1.12	998.00	1.23	1.17	1.14
1030.00	5.13	5.15	0.02	18.14	1.19	1030.00	1.28	1.21	1.17
1062.00	5.16	5.18	0.03	17.04	1.14	1062.00	1.32	1.25	1.22
1094.00	5.30	5.31	0.01	16.21	1.13	1094.00	1.37	1.30	1.27
1126.00	5.30	5.31	0.01	15.39	1.18	1126.00	1.41	1.35	1.31
1158.00	5.34	5.34	0.00	14.73	1.19	1158.00	1.45	1.40	1.36
1190.00	5.44	5.44	0.00	14.19	1.22	1190.00	1.49	1.46	1.42
1222.00	5.55	5.55	0.00	13.76	1.29	1222.00	1.53	1.53	1.49
1254.00	5.55	5.53	0.02	13.26	1.31	1254.00	1.57	1.59	1.55
1286.00	5.66	5.64	0.01	12.94	1.37	1286.00	1.61	1.66	1.61
1318.00	5.86	5.84	0.02	12.74	1.43	1318.00	1.65	1.74	1.68
1350.00	5.78	5.76	0.02	12.31	1.63	1350.00	1.69	1.81	1.77

¹Total Loss = Insertion Loss + 3dB Splitter Loss