

3 Way-0° Power Splitter/Combiner

2ZN3PD-ED11987/2

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)			AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)			
	S-1	S-2	S-3		1-2	1-3	2-3			S	1	2	3
1200.0	5.54	4.97	5.51	0.57	15.81	15.79	16.40	0.48	1200.0	1.88	1.08	1.09	1.06
1250.0	5.49	4.94	5.45	0.54	16.42	16.28	17.10	0.43	1250.0	1.82	1.06	1.10	1.04
1300.0	5.43	4.92	5.39	0.51	17.10	16.81	17.88	0.37	1300.0	1.75	1.05	1.11	1.03
1350.0	5.37	4.90	5.33	0.48	17.83	17.36	18.70	0.33	1350.0	1.68	1.03	1.12	1.02
1400.0	5.32	4.88	5.28	0.44	18.64	17.98	19.65	0.32	1400.0	1.61	1.03	1.13	1.04
1450.0	5.27	4.86	5.22	0.40	19.55	18.67	20.73	0.30	1450.0	1.54	1.03	1.13	1.05
1500.0	5.22	4.85	5.17	0.36	20.55	19.41	21.92	0.30	1500.0	1.47	1.05	1.14	1.07
1550.0	5.17	4.85	5.12	0.32	21.67	20.26	23.29	0.30	1550.0	1.41	1.06	1.13	1.08
1600.0	5.12	4.85	5.07	0.27	22.91	21.22	24.81	0.31	1600.0	1.34	1.07	1.13	1.10
1650.0	5.08	4.85	5.03	0.23	24.28	22.33	26.47	0.30	1650.0	1.28	1.09	1.13	1.11
1700.0	5.04	4.86	4.99	0.18	25.68	23.61	28.01	0.32	1700.0	1.22	1.10	1.12	1.13
1725.0	5.03	4.87	4.98	0.16	26.35	24.34	28.60	0.38	1725.0	1.19	1.11	1.12	1.13
1750.0	5.01	4.88	4.96	0.13	26.95	25.13	28.96	0.40	1750.0	1.16	1.12	1.11	1.14
1775.0	5.00	4.90	4.95	0.10	27.44	26.03	29.04	0.44	1775.0	1.13	1.13	1.11	1.15
1800.0	4.99	4.91	4.93	0.08	27.78	27.02	28.76	0.46	1800.0	1.10	1.13	1.10	1.15
1825.0	4.98	4.92	4.93	0.05	27.86	28.15	28.23	0.50	1825.0	1.07	1.14	1.10	1.16
1850.0	4.97	4.94	4.91	0.05	27.69	29.47	27.54	0.55	1850.0	1.05	1.15	1.09	1.16
1875.0	4.96	4.96	4.91	0.06	27.31	31.04	26.74	0.60	1875.0	1.02	1.15	1.09	1.17
1900.0	4.96	4.98	4.90	0.08	26.78	32.93	25.91	0.67	1900.0	1.02	1.16	1.09	1.17
1925.0	4.95	5.00	4.89	0.11	26.14	35.38	25.06	0.74	1925.0	1.04	1.16	1.08	1.18
1950.0	4.94	5.03	4.89	0.14	25.45	38.60	24.25	0.82	1950.0	1.07	1.17	1.08	1.18
1975.0	4.94	5.05	4.89	0.16	24.74	43.15	23.47	0.89	1975.0	1.09	1.17	1.08	1.19
1990.0	4.94	5.07	4.89	0.18	24.31	46.04	23.04	0.94	1990.0	1.11	1.18	1.08	1.19
2000.0	4.94	5.08	4.89	0.20	24.03	46.64	22.77	0.96	2000.0	1.12	1.18	1.08	1.19
2025.0	4.94	5.12	4.89	0.23	23.34	42.26	22.09	1.01	2025.0	1.15	1.19	1.08	1.19
2050.0	4.95	5.15	4.89	0.26	22.67	37.89	21.47	1.09	2050.0	1.18	1.19	1.08	1.20
2075.0	4.95	5.18	4.89	0.29	22.05	34.80	20.88	1.18	2075.0	1.21	1.19	1.08	1.20
2100.0	4.96	5.22	4.90	0.32	21.45	32.50	20.33	1.29	2100.0	1.24	1.20	1.08	1.20
2125.0	4.96	5.26	4.91	0.35	20.89	30.67	19.79	1.39	2125.0	1.27	1.20	1.09	1.21
2150.0	4.97	5.30	4.91	0.39	20.35	29.14	19.30	1.49	2150.0	1.31	1.21	1.09	1.21
2175.0	4.98	5.34	4.92	0.42	19.84	27.83	18.85	1.61	2175.0	1.34	1.21	1.10	1.21
2200.0	4.99	5.38	4.93	0.45	19.37	26.70	18.41	1.75	2200.0	1.37	1.22	1.11	1.21
2225.0	5.00	5.43	4.94	0.49	18.91	25.68	18.00	1.88	2225.0	1.41	1.22	1.12	1.22
2250.0	5.02	5.47	4.96	0.52	18.48	24.77	17.61	2.01	2250.0	1.44	1.22	1.13	1.22
2300.0	5.05	5.57	4.98	0.59	17.69	23.24	16.90	2.32	2300.0	1.51	1.23	1.14	1.22
2350.0	5.08	5.67	5.02	0.66	16.98	21.91	16.24	2.67	2350.0	1.58	1.24	1.16	1.23
2400.0	5.11	5.78	5.05	0.73	16.33	20.78	15.67	3.03	2400.0	1.64	1.25	1.18	1.23
2450.0	5.15	5.89	5.08	0.81	15.74	19.78	15.14	3.45	2450.0	1.71	1.26	1.20	1.24
2500.0	5.19	6.00	5.11	0.88	15.20	18.89	14.64	3.88	2500.0	1.78	1.27	1.22	1.25
2550.0	5.23	6.11	5.15	0.96	14.71	18.09	14.21	4.37	2550.0	1.84	1.28	1.24	1.26
2600.0	5.27	6.22	5.19	1.03	14.26	17.36	13.80	4.90	2600.0	1.90	1.30	1.26	1.27

¹ Total Loss = Insertion Loss + 4.8dB Splitter Loss

REV. X2

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