

3 Way-0° Power Splitter/Combiner

ZN3PD-ED14660/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR			
	S-1	S-2	S-3		1-2	1-3	2-3			S	1	2	3
1800.0	5.28	4.76	5.39	0.62	40.99	18.25	38.28	1.58	1800.0	1.17	1.22	1.18	1.20
1900.0	5.31	4.79	5.42	0.63	31.86	18.93	32.08	1.42	1900.0	1.23	1.24	1.15	1.21
2000.0	5.35	4.82	5.46	0.64	28.26	19.58	28.43	1.25	2000.0	1.30	1.24	1.12	1.21
2050.0	5.37	4.84	5.47	0.64	27.14	19.91	27.26	1.18	2050.0	1.33	1.24	1.11	1.21
2100.0	5.38	4.85	5.49	0.64	26.29	20.22	26.35	1.11	2100.0	1.36	1.24	1.10	1.20
2150.0	5.39	4.87	5.51	0.64	25.68	20.55	25.68	1.10	2150.0	1.38	1.23	1.09	1.19
2200.0	5.40	4.88	5.52	0.64	25.19	20.85	25.14	1.13	2200.0	1.40	1.22	1.09	1.19
2250.0	5.41	4.89	5.53	0.64	24.88	21.17	24.75	1.18	2250.0	1.40	1.21	1.08	1.17
2300.0	5.41	4.90	5.53	0.63	24.67	21.46	24.48	1.24	2300.0	1.41	1.20	1.07	1.16
2350.0	5.41	4.90	5.53	0.63	24.55	21.75	24.29	1.28	2350.0	1.40	1.18	1.07	1.15
2400.0	5.41	4.90	5.52	0.62	24.53	22.05	24.22	1.33	2400.0	1.39	1.16	1.06	1.13
2450.0	5.40	4.90	5.51	0.62	24.60	22.36	24.24	1.38	2450.0	1.37	1.14	1.06	1.11
2500.0	5.39	4.89	5.50	0.61	24.77	22.67	24.35	1.43	2500.0	1.35	1.12	1.05	1.09
2550.0	5.38	4.89	5.49	0.60	25.00	22.97	24.52	1.47	2550.0	1.33	1.09	1.05	1.07
2600.0	5.37	4.88	5.48	0.60	25.33	23.31	24.81	1.52	2600.0	1.30	1.07	1.06	1.05
2700.0	5.35	4.87	5.46	0.58	26.16	23.95	25.52	1.62	2700.0	1.23	1.02	1.08	1.01
2800.0	5.33	4.87	5.43	0.57	27.20	24.59	26.48	1.67	2800.0	1.16	1.03	1.11	1.04
2900.0	5.32	4.87	5.42	0.55	28.26	25.20	27.51	1.74	2900.0	1.10	1.09	1.15	1.09
3000.0	5.33	4.88	5.41	0.53	28.99	25.78	28.33	1.77	3000.0	1.07	1.14	1.18	1.13
3100.0	5.34	4.89	5.41	0.52	29.04	26.31	28.58	1.78	3100.0	1.09	1.18	1.22	1.18
3200.0	5.36	4.91	5.42	0.51	28.34	26.79	28.07	1.80	3200.0	1.13	1.22	1.24	1.21
3300.0	5.38	4.93	5.43	0.50	27.22	27.24	27.03	1.83	3300.0	1.18	1.26	1.26	1.25
3400.0	5.40	4.95	5.44	0.49	26.02	27.55	25.83	1.85	3400.0	1.21	1.28	1.26	1.27
3500.0	5.41	4.97	5.46	0.49	24.99	27.78	24.73	1.91	3500.0	1.23	1.28	1.26	1.28
3600.0	5.42	4.98	5.47	0.49	24.19	27.89	23.84	1.96	3600.0	1.24	1.27	1.25	1.29
3700.0	5.43	5.00	5.49	0.49	23.65	27.90	23.19	2.06	3700.0	1.23	1.25	1.24	1.28
3800.0	5.44	5.01	5.50	0.49	23.32	27.81	22.75	2.15	3800.0	1.21	1.23	1.22	1.27
3900.0	5.45	5.02	5.52	0.50	23.29	27.57	22.58	2.28	3900.0	1.19	1.19	1.21	1.25
4000.0	5.46	5.03	5.53	0.50	23.61	27.16	22.74	2.41	4000.0	1.17	1.15	1.21	1.22
4100.0	5.46	5.03	5.53	0.50	24.37	26.83	23.27	2.57	4100.0	1.15	1.12	1.22	1.20
4200.0	5.46	5.03	5.53	0.50	25.56	26.59	24.17	2.68	4200.0	1.15	1.10	1.24	1.17
4300.0	5.46	5.03	5.52	0.49	27.29	26.46	25.46	2.80	4300.0	1.15	1.10	1.26	1.15
4400.0	5.47	5.03	5.51	0.48	29.90	26.40	27.35	2.91	4400.0	1.15	1.12	1.27	1.14
4500.0	5.48	5.04	5.51	0.47	34.14	26.40	30.12	3.01	4500.0	1.15	1.14	1.28	1.13
4600.0	5.49	5.04	5.50	0.46	42.53	26.45	34.57	3.08	4600.0	1.14	1.16	1.29	1.12
4700.0	5.50	5.05	5.50	0.45	39.60	26.57	41.23	3.16	4700.0	1.13	1.18	1.28	1.12
4800.0	5.51	5.06	5.48	0.45	32.37	26.76	36.82	3.24	4800.0	1.11	1.19	1.27	1.12
4900.0	5.51	5.06	5.47	0.45	28.41	27.11	31.17	3.40	4900.0	1.09	1.19	1.23	1.11
5000.0	5.52	5.07	5.45	0.45	25.83	27.60	27.72	3.53	5000.0	1.09	1.19	1.20	1.10
5100.0	5.53	5.09	5.45	0.44	24.03	28.34	25.38	3.63	5100.0	1.10	1.19	1.17	1.10
5200.0	5.55	5.12	5.45	0.42	22.77	29.29	23.76	3.73	5200.0	1.12	1.19	1.15	1.09
5300.0	5.57	5.16	5.46	0.41	21.82	30.29	22.56	3.76	5300.0	1.15	1.18	1.13	1.09
5400.0	5.59	5.20	5.48	0.39	21.18	31.17	21.72	3.76	5400.0	1.18	1.18	1.13	1.09
5500.0	5.62	5.24	5.49	0.38	20.73	31.29	21.12	3.75	5500.0	1.19	1.18	1.15	1.09
5550.0	5.63	5.26	5.50	0.38	20.55	31.01	20.89	3.78	5550.0	1.19	1.18	1.16	1.10
5600.0	5.65	5.28	5.51	0.36	20.48	30.48	20.77	3.82	5600.0	1.19	1.18	1.17	1.10
5650.0	5.67	5.30	5.52	0.37	20.35	29.83	20.61	3.86	5650.0	1.18	1.19	1.17	1.11
5700.0	5.68	5.31	5.52	0.37	20.29	28.97	20.54	3.91	5700.0	1.16	1.19	1.18	1.12
5750.0	5.70	5.33	5.53	0.37	20.17	28.23	20.41	3.95	5750.0	1.14	1.19	1.18	1.13
5800.0	5.72	5.35	5.54	0.38	20.16	27.23	20.44	4.00	5800.0	1.12	1.20	1.18	1.14
5850.0	5.75	5.36	5.55	0.39	20.01	26.40	20.32	4.05	5850.0	1.10	1.21	1.18	1.15
5900.0	5.79	5.38	5.58	0.41	19.91	25.52	20.27	4.12	5900.0	1.08	1.22	1.16	1.17
5950.0	5.82	5.39	5.60	0.43	19.74	24.69	20.17	4.16	5950.0	1.08	1.23	1.16	1.18
6000.0	5.87	5.41	5.63	0.46	19.56	23.84	20.06	4.24	6000.0	1.08	1.24	1.14	1.20
6050.0	5.92	5.43	5.66	0.49	19.26	23.09	19.84	4.29	6050.0	1.11	1.26	1.13	1.22
6100.0	5.99	5.46	5.71	0.53	18.98	22.32	19.62	4.35	6100.0	1.15	1.27	1.10	1.24
6150.0	6.06	5.49	5.75	0.58	18.59	21.61	19.28	4.40	6150.0	1.20	1.29	1.08	1.27
6200.0	6.15	5.52	5.81	0.63	18.21	20.91	18.94	4.47	6200.0	1.26	1.30	1.06	1.29

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss



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