

4 Way-0° Power Splitter/Combiner

ZN4PD-ED14603

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)				AMP UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (Deg)	FREQ. (MHz)	VSWR (:1)				
	S1	S2	S3	S4		1-2	2-3	3-4			S	1	2	3	4
1600.0	6.44	6.41	6.42	6.43	0.03	25.70	29.53	25.76	0.98	1600.0	1.29	1.18	1.16	1.17	1.16
1800.0	6.41	6.38	6.39	6.40	0.03	25.15	30.48	25.52	1.05	1800.0	1.16	1.15	1.11	1.12	1.12
2000.0	6.44	6.40	6.42	6.43	0.03	23.23	30.09	23.68	1.19	2000.0	1.16	1.08	1.06	1.06	1.06
2200.0	6.48	6.45	6.45	6.46	0.03	22.01	29.81	22.45	1.42	2200.0	1.18	1.04	1.01	1.01	1.01
2300.0	6.48	6.48	6.46	6.47	0.03	21.81	29.98	22.21	1.42	2300.0	1.16	1.06	1.02	1.03	1.02
2500.0	6.53	6.54	6.51	6.50	0.04	22.31	30.77	22.72	1.42	2500.0	1.10	1.10	1.05	1.06	1.06
2700.0	6.58	6.60	6.57	6.56	0.03	24.31	32.44	24.60	1.45	2700.0	1.10	1.12	1.06	1.07	1.07
2900.0	6.60	6.62	6.59	6.56	0.06	28.29	36.66	28.53	1.70	2900.0	1.12	1.12	1.06	1.08	1.08
3000.0	6.61	6.62	6.60	6.58	0.04	31.71	39.88	32.19	1.67	3000.0	1.10	1.13	1.07	1.09	1.09
3400.0	6.68	6.68	6.66	6.64	0.04	35.74	43.12	36.76	1.99	3400.0	1.18	1.24	1.17	1.19	1.18
3600.0	6.76	6.76	6.73	6.70	0.06	33.12	37.65	34.28	2.03	3600.0	1.24	1.25	1.18	1.20	1.19
3800.0	6.79	6.79	6.77	6.72	0.07	29.58	35.39	30.88	2.21	3800.0	1.23	1.22	1.16	1.17	1.15
4000.0	6.80	6.82	6.78	6.74	0.08	25.87	33.94	26.91	2.25	4000.0	1.20	1.23	1.15	1.15	1.14
4200.0	6.81	6.84	6.79	6.75	0.10	23.81	33.58	24.81	2.30	4200.0	1.19	1.25	1.16	1.16	1.15
4400.0	6.81	6.83	6.79	6.75	0.09	24.11	32.71	25.12	2.38	4400.0	1.17	1.25	1.16	1.15	1.14
4600.0	6.83	6.85	6.82	6.78	0.07	26.53	32.87	27.62	2.44	4600.0	1.15	1.19	1.11	1.11	1.11
4800.0	6.84	6.86	6.86	6.81	0.05	32.49	32.91	32.09	2.57	4800.0	1.21	1.17	1.07	1.11	1.10
5000.0	6.91	6.93	6.94	6.89	0.05	36.92	33.92	32.89	2.63	5000.0	1.25	1.21	1.11	1.16	1.14
5200.0	7.01	7.03	7.03	6.96	0.07	33.09	35.44	31.61	2.80	5200.0	1.18	1.24	1.14	1.18	1.16
5400.0	7.09	7.14	7.12	7.07	0.07	29.36	36.97	29.80	3.02	5400.0	1.08	1.25	1.17	1.20	1.18
5600.0	6.93	7.02	7.00	6.89	0.13	27.31	37.08	29.25	3.21	5600.0	1.15	1.24	1.18	1.19	1.18
5800.0	6.97	7.05	7.01	6.92	0.13	24.44	40.24	26.23	3.46	5800.0	1.24	1.25	1.18	1.18	1.19
6000.0	6.97	7.04	7.02	6.95	0.10	24.50	42.61	26.05	3.78	6000.0	1.20	1.14	1.14	1.14	1.15
6200.0	6.97	7.03	7.00	6.95	0.08	27.69	39.02	29.65	4.10	6200.0	1.11	1.08	1.06	1.03	1.07
6400.0	7.06	7.11	7.09	7.05	0.06	33.44	34.19	32.35	4.55	6400.0	1.24	1.18	1.06	1.09	1.08

¹ Total Loss = Insertion Loss + 6dB Splitter Loss



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

REV. X1
 ZN4PD-ED14603
 10/13/2011
 Page 1 of 1