

4 Way-0° Power Splitter/Combiner

ZC4PD-ED12541/1

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	S-4		1-2	2-3	3-4			S	1	2	3	4
1500.0	6.22	6.20	6.19	6.16	0.06	17.71	21.61	17.81	1.56	1500.0	1.11	1.04	1.07	1.08	1.03
1520.0	6.22	6.20	6.19	6.16	0.06	18.15	21.89	18.24	1.57	1520.0	1.11	1.04	1.07	1.08	1.03
1540.0	6.22	6.21	6.19	6.16	0.06	18.59	22.18	18.69	1.58	1540.0	1.11	1.04	1.07	1.08	1.03
1560.0	6.22	6.21	6.20	6.16	0.06	19.07	22.49	19.16	1.61	1560.0	1.11	1.03	1.07	1.08	1.03
1580.0	6.23	6.22	6.20	6.17	0.06	19.57	22.80	19.65	1.61	1580.0	1.12	1.03	1.07	1.08	1.02
1600.0	6.23	6.22	6.21	6.17	0.06	20.09	23.13	20.17	1.62	1600.0	1.12	1.04	1.07	1.08	1.03
1620.0	6.23	6.22	6.21	6.17	0.06	20.65	23.47	20.74	1.62	1620.0	1.13	1.04	1.07	1.07	1.03
1640.0	6.23	6.23	6.21	6.18	0.06	21.24	23.83	21.33	1.62	1640.0	1.13	1.04	1.07	1.07	1.03
1660.0	6.23	6.23	6.22	6.18	0.05	21.88	24.21	21.97	1.66	1660.0	1.13	1.03	1.07	1.07	1.02
1680.0	6.24	6.24	6.22	6.18	0.06	22.57	24.60	22.66	1.66	1680.0	1.14	1.03	1.07	1.07	1.02
1700.0	6.24	6.24	6.22	6.19	0.06	23.32	25.01	23.41	1.69	1700.0	1.14	1.04	1.07	1.07	1.02
1720.0	6.24	6.25	6.23	6.19	0.06	24.14	25.45	24.23	1.69	1720.0	1.14	1.04	1.07	1.07	1.03
1740.0	6.24	6.25	6.23	6.19	0.06	25.05	25.91	25.16	1.68	1740.0	1.14	1.04	1.07	1.07	1.03
1760.0	6.24	6.25	6.23	6.19	0.06	26.07	26.41	26.18	1.70	1760.0	1.14	1.04	1.07	1.07	1.03
1780.0	6.24	6.26	6.23	6.19	0.07	27.23	26.93	27.35	1.69	1780.0	1.14	1.04	1.08	1.07	1.03
1800.0	6.24	6.26	6.23	6.19	0.07	28.58	27.49	28.72	1.71	1800.0	1.15	1.04	1.08	1.07	1.03
1820.0	6.24	6.26	6.24	6.19	0.07	30.18	28.08	30.36	1.70	1820.0	1.15	1.05	1.08	1.07	1.03
1840.0	6.24	6.27	6.24	6.19	0.08	32.11	28.72	32.33	1.71	1840.0	1.15	1.05	1.08	1.07	1.04
1850.0	6.24	6.27	6.24	6.19	0.08	33.25	29.04	33.50	1.72	1850.0	1.15	1.05	1.08	1.07	1.04
1860.0	6.24	6.27	6.24	6.19	0.08	34.50	29.39	34.83	1.73	1860.0	1.15	1.06	1.09	1.07	1.04
1880.0	6.24	6.28	6.25	6.19	0.08	37.44	30.12	38.00	1.74	1880.0	1.15	1.06	1.09	1.08	1.04
1900.0	6.25	6.29	6.25	6.20	0.09	40.18	30.91	41.14	1.77	1900.0	1.15	1.06	1.10	1.08	1.05
1920.0	6.26	6.30	6.26	6.21	0.09	39.87	31.74	40.60	1.80	1920.0	1.16	1.07	1.10	1.08	1.06
1940.0	6.27	6.31	6.27	6.22	0.09	36.89	32.62	37.19	1.82	1940.0	1.17	1.08	1.10	1.08	1.06
1960.0	6.29	6.33	6.29	6.23	0.09	33.96	33.55	34.10	1.86	1960.0	1.17	1.08	1.11	1.09	1.07
1980.0	6.31	6.35	6.32	6.26	0.09	31.62	34.51	31.69	1.90	1980.0	1.19	1.09	1.11	1.09	1.07
1990.0	6.33	6.37	6.33	6.28	0.09	30.65	34.98	30.69	1.90	1990.0	1.19	1.09	1.12	1.09	1.08
2000.0	6.35	6.39	6.35	6.30	0.09	29.79	35.47	29.84	1.92	2000.0	1.20	1.09	1.12	1.10	1.08
2020.0	6.41	6.44	6.40	6.35	0.08	28.36	36.54	28.41	1.90	2020.0	1.21	1.10	1.13	1.10	1.09
2040.0	6.46	6.47	6.43	6.39	0.08	27.22	38.13	27.28	1.83	2040.0	1.22	1.11	1.13	1.11	1.10
2060.0	6.46	6.48	6.44	6.40	0.08	26.14	40.71	26.20	1.73	2060.0	1.23	1.11	1.14	1.11	1.10
2080.0	6.43	6.47	6.43	6.37	0.10	25.03	44.59	25.10	1.68	2080.0	1.24	1.11	1.14	1.12	1.10
2100.0	6.40	6.45	6.41	6.34	0.11	23.98	50.19	24.03	1.67	2100.0	1.26	1.12	1.15	1.12	1.11
2120.0	6.38	6.44	6.40	6.32	0.12	23.02	50.95	23.06	1.69	2120.0	1.28	1.12	1.16	1.13	1.12
2140.0	6.37	6.45	6.40	6.31	0.13	22.15	46.07	22.18	1.70	2140.0	1.32	1.14	1.17	1.14	1.13
2160.0	6.38	6.46	6.42	6.32	0.14	21.37	42.47	21.39	1.75	2160.0	1.35	1.15	1.18	1.15	1.14
2180.0	6.38	6.47	6.43	6.32	0.15	20.66	39.87	20.68	1.75	2180.0	1.38	1.16	1.19	1.16	1.16
2200.0	6.40	6.50	6.45	6.34	0.16	20.01	37.98	20.03	1.79	2200.0	1.42	1.17	1.20	1.17	1.16
2250.0	6.45	6.57	6.53	6.40	0.17	18.61	34.65	18.62	1.92	2250.0	1.53	1.20	1.24	1.20	1.20
2275.0	6.49	6.62	6.57	6.44	0.18	18.01	33.47	18.02	1.95	2275.0	1.60	1.22	1.25	1.22	1.22
2300.0	6.54	6.67	6.63	6.48	0.19	17.46	32.49	17.47	2.02	2300.0	1.66	1.24	1.27	1.24	1.24

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2

ZC4PD-ED12541/1

100707

Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see

