

4 Way-0° Power Splitter/Combiner

ZC4PD-18+

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
1000.0	6.35	6.34	6.35	6.34	0.01	26.64	34.99	27.84	0.31	1000.0	1.19	1.13	1.13	1.12	1.12
1020.0	6.32	6.33	6.34	6.33	0.02	27.91	36.46	29.30	0.35	1020.0	1.17	1.10	1.10	1.09	1.09
1040.0	6.26	6.28	6.27	6.26	0.02	29.35	37.90	30.99	0.36	1040.0	1.15	1.10	1.10	1.09	1.10
1060.0	6.30	6.33	6.33	6.31	0.03	31.10	39.38	33.04	0.33	1060.0	1.12	1.12	1.12	1.11	1.11
1080.0	6.31	6.33	6.36	6.33	0.04	33.08	40.40	35.59	0.26	1080.0	1.09	1.11	1.11	1.10	1.11
1100.0	6.31	6.34	6.35	6.32	0.03	35.48	40.94	38.87	0.25	1100.0	1.08	1.09	1.09	1.09	1.09
1120.0	6.30	6.33	6.34	6.32	0.04	38.68	40.48	43.25	0.36	1120.0	1.07	1.08	1.08	1.08	1.08
1140.0	6.25	6.28	6.31	6.26	0.05	43.36	39.59	48.11	0.25	1140.0	1.08	1.08	1.08	1.08	1.09
1160.0	6.33	6.36	6.37	6.34	0.04	52.40	38.61	46.52	0.22	1160.0	1.10	1.09	1.09	1.09	1.09
1180.0	6.37	6.39	6.41	6.37	0.04	55.15	37.46	42.10	0.25	1180.0	1.13	1.09	1.09	1.09	1.09
1200.0	6.32	6.34	6.34	6.32	0.03	45.51	36.37	39.28	0.30	1200.0	1.15	1.08	1.08	1.08	1.09
1220.0	6.31	6.33	6.36	6.34	0.05	41.32	35.36	37.17	0.24	1220.0	1.14	1.06	1.07	1.06	1.07
1240.0	6.29	6.32	6.33	6.32	0.04	38.82	34.55	35.71	0.30	1240.0	1.12	1.06	1.07	1.07	1.08
1260.0	6.36	6.39	6.39	6.37	0.03	37.23	33.83	34.64	0.25	1260.0	1.14	1.09	1.09	1.09	1.10
1280.0	6.40	6.42	6.44	6.43	0.04	35.93	33.17	33.81	0.36	1280.0	1.17	1.09	1.09	1.09	1.10
1300.0	6.32	6.33	6.35	6.34	0.03	34.79	32.55	33.06	0.32	1300.0	1.17	1.06	1.06	1.06	1.06
1320.0	6.34	6.33	6.37	6.35	0.04	34.03	32.10	32.55	0.31	1320.0	1.12	1.04	1.05	1.05	1.06
1340.0	6.35	6.36	6.39	6.38	0.04	33.40	31.61	32.09	0.26	1340.0	1.10	1.08	1.08	1.08	1.09
1360.0	6.39	6.38	6.41	6.40	0.03	32.90	31.29	31.71	0.40	1360.0	1.13	1.08	1.09	1.09	1.10
1380.0	6.38	6.38	6.40	6.39	0.02	32.53	31.00	31.46	0.27	1380.0	1.13	1.05	1.06	1.07	1.06
1400.0	6.37	6.36	6.40	6.37	0.03	32.13	30.71	31.22	0.34	1400.0	1.10	1.03	1.03	1.04	1.04
1420.0	6.36	6.34	6.37	6.35	0.03	31.87	30.48	31.00	0.30	1420.0	1.06	1.06	1.06	1.07	1.07
1440.0	6.39	6.38	6.42	6.39	0.04	31.72	30.35	30.88	0.38	1440.0	1.07	1.07	1.07	1.08	1.09
1460.0	6.36	6.35	6.39	6.35	0.04	31.57	30.20	30.79	0.29	1460.0	1.07	1.05	1.05	1.06	1.06
1480.0	6.39	6.39	6.43	6.40	0.04	31.65	30.21	30.83	0.34	1480.0	1.05	1.03	1.03	1.04	1.04
1500.0	6.41	6.38	6.44	6.40	0.06	31.74	30.20	30.91	0.34	1500.0	1.03	1.04	1.04	1.05	1.06
1520.0	6.39	6.37	6.43	6.39	0.06	31.98	30.25	31.05	0.38	1520.0	1.03	1.05	1.05	1.07	1.07
1540.0	6.37	6.36	6.40	6.38	0.04	32.43	30.30	31.37	0.37	1540.0	1.04	1.04	1.05	1.07	1.07
1560.0	6.36	6.35	6.41	6.36	0.05	32.93	30.48	31.76	0.36	1560.0	1.04	1.04	1.04	1.06	1.06
1580.0	6.40	6.38	6.46	6.41	0.07	33.67	30.68	32.21	0.56	1580.0	1.04	1.03	1.04	1.06	1.06
1600.0	6.41	6.40	6.45	6.42	0.05	34.57	30.99	32.74	0.60	1600.0	1.02	1.03	1.04	1.06	1.06
1620.0	6.40	6.40	6.43	6.41	0.04	35.43	31.32	33.05	0.53	1620.0	1.04	1.04	1.05	1.07	1.07
1640.0	6.38	6.37	6.40	6.38	0.03	35.90	31.69	33.09	0.56	1640.0	1.05	1.05	1.06	1.09	1.08
1660.0	6.41	6.41	6.45	6.41	0.04	35.67	32.23	32.74	0.49	1660.0	1.03	1.05	1.06	1.08	1.08
1680.0	6.39	6.40	6.43	6.41	0.04	34.32	32.77	31.72	0.51	1680.0	1.04	1.03	1.04	1.06	1.06
1700.0	6.42	6.43	6.46	6.44	0.04	32.54	33.47	30.46	0.55	1700.0	1.08	1.04	1.05	1.07	1.07
1720.0	6.42	6.43	6.44	6.41	0.03	30.58	34.18	28.91	0.58	1720.0	1.09	1.07	1.08	1.11	1.10
1740.0	6.44	6.44	6.47	6.45	0.03	28.70	35.00	27.45	0.54	1740.0	1.08	1.08	1.09	1.12	1.11
1760.0	6.41	6.44	6.43	6.42	0.03	27.04	36.07	25.99	0.58	1760.0	1.14	1.07	1.08	1.10	1.09
1780.0	6.44	6.45	6.46	6.43	0.02	25.56	37.21	24.75	0.60	1780.0	1.21	1.06	1.07	1.09	1.09
1800.0	6.52	6.54	6.53	6.50	0.04	24.16	38.22	23.50	0.60	1800.0	1.23	1.10	1.11	1.14	1.13

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss

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