

4 Way-0° Power Splitter/Combiner

ZC4PD-ED6385/2

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	S-4		1-2	2-3	3-4			S	1	2	3	4
500.0	6.18	6.20	6.20	6.18	0.03	12.10	18.70	12.17	0.23	500.0	1.15	1.16	1.16	1.16	1.16
545.5	6.24	6.25	6.26	6.24	0.02	13.57	19.46	13.66	0.41	545.5	1.32	1.15	1.15	1.15	1.16
590.9	6.44	6.44	6.44	6.44	0.01	15.05	20.25	15.18	0.60	590.9	1.48	1.15	1.15	1.16	1.16
636.4	6.54	6.53	6.54	6.53	0.01	16.56	21.22	16.71	0.77	636.4	1.61	1.16	1.16	1.17	1.17
681.8	6.56	6.53	6.54	6.55	0.02	17.97	22.32	18.14	0.82	681.8	1.69	1.17	1.17	1.17	1.18
727.3	6.72	6.69	6.67	6.70	0.05	19.02	23.39	19.16	0.80	727.3	1.73	1.18	1.17	1.18	1.18
772.7	6.62	6.59	6.59	6.60	0.03	20.03	24.79	20.14	0.83	772.7	1.71	1.18	1.18	1.18	1.19
818.2	6.59	6.56	6.56	6.58	0.03	20.63	26.03	20.68	0.76	818.2	1.65	1.18	1.17	1.18	1.19
863.6	6.49	6.47	6.47	6.48	0.02	21.57	27.69	21.57	0.82	863.6	1.64	1.17	1.16	1.17	1.18
909.1	6.32	6.32	6.33	6.34	0.02	22.55	29.33	22.48	0.84	909.1	1.44	1.17	1.15	1.17	1.17
954.6	6.39	6.37	6.39	6.40	0.02	24.14	31.40	23.98	0.82	954.6	1.32	1.15	1.14	1.15	1.16
1000.0	6.27	6.26	6.28	6.27	0.02	26.22	33.70	26.00	0.97	1000.0	1.21	1.13	1.12	1.13	1.14
1070.0	6.32	6.31	6.32	6.32	0.02	31.50	38.13	31.23	1.05	1070.0	1.08	1.09	1.08	1.10	1.11
1140.0	6.33	6.31	6.30	6.32	0.03	38.75	41.47	41.61	1.23	1140.0	1.06	1.07	1.06	1.07	1.08
1210.0	6.38	6.35	6.35	6.36	0.03	33.99	38.88	35.71	1.14	1210.0	1.10	1.06	1.05	1.06	1.07
1280.0	6.34	6.31	6.30	6.31	0.04	30.36	35.46	31.04	1.12	1280.0	1.12	1.06	1.05	1.06	1.07
1350.0	6.38	6.34	6.34	6.35	0.04	29.36	33.05	29.61	1.11	1350.0	1.10	1.07	1.06	1.07	1.07
1420.0	6.35	6.32	6.32	6.34	0.04	30.04	31.51	30.01	1.25	1420.0	1.06	1.07	1.06	1.08	1.08
1490.0	6.40	6.35	6.37	6.40	0.05	32.26	30.65	31.89	1.45	1490.0	1.05	1.06	1.06	1.07	1.07
1560.0	6.45	6.39	6.40	6.45	0.06	36.59	30.44	35.28	1.58	1560.0	1.06	1.05	1.05	1.06	1.06
1630.0	6.47	6.40	6.41	6.45	0.07	45.30	30.91	39.37	1.77	1630.0	1.04	1.04	1.04	1.05	1.04
1700.0	6.42	6.37	6.38	6.41	0.05	35.43	32.29	33.68	1.84	1700.0	1.05	1.04	1.05	1.05	1.04
1733.3	6.46	6.42	6.41	6.43	0.05	31.28	33.41	30.33	1.80	1733.3	1.10	1.05	1.06	1.06	1.05
1766.7	6.49	6.45	6.45	6.47	0.04	28.10	34.91	27.47	1.80	1766.7	1.16	1.06	1.07	1.07	1.06
1800.0	6.48	6.44	6.43	6.44	0.05	25.44	36.66	24.95	1.88	1800.0	1.23	1.09	1.10	1.10	1.09
1833.3	6.57	6.54	6.52	6.52	0.05	23.29	38.79	22.88	1.85	1833.3	1.32	1.11	1.12	1.12	1.11
1866.7	6.61	6.59	6.57	6.58	0.03	21.49	40.25	21.15	1.88	1866.7	1.43	1.13	1.15	1.14	1.14
1900.0	6.71	6.67	6.66	6.66	0.05	19.91	39.21	19.59	1.88	1900.0	1.54	1.17	1.18	1.18	1.17
1933.3	6.74	6.71	6.70	6.69	0.04	18.73	36.74	18.42	1.71	1933.3	1.66	1.21	1.22	1.22	1.21
1966.7	6.89	6.87	6.86	6.85	0.04	17.69	34.14	17.41	1.75	1966.7	1.79	1.24	1.26	1.25	1.25
2000.0	7.05	7.03	7.02	7.01	0.04	16.87	31.96	16.58	1.43	2000.0	1.91	1.29	1.30	1.30	1.29

¹ Total Loss = Insertion Loss + 6dB Splitter Loss