

4 Way-0° Power Splitter/Combiner

ZC4PD-153+

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
6000.0	6.51	6.39	6.38	6.41	0.12	19.08	25.03	20.72	1.58	6000.0	1.11	1.30	1.34	1.28	1.24
6200.0	6.49	6.40	6.38	6.41	0.11	20.40	26.31	22.71	1.56	6200.0	1.15	1.29	1.32	1.26	1.24
6400.0	6.50	6.45	6.42	6.43	0.08	21.83	27.51	24.38	1.61	6400.0	1.25	1.28	1.31	1.25	1.22
6600.0	6.55	6.53	6.50	6.48	0.07	23.44	28.53	25.04	1.75	6600.0	1.35	1.27	1.31	1.25	1.22
6800.0	6.63	6.63	6.59	6.56	0.07	24.72	29.90	25.20	1.75	6800.0	1.45	1.26	1.31	1.25	1.23
7000.0	6.69	6.69	6.64	6.61	0.08	25.84	31.94	25.18	1.81	7000.0	1.51	1.25	1.29	1.25	1.23
7200.0	6.78	6.74	6.71	6.69	0.09	27.19	32.95	25.45	1.71	7200.0	1.50	1.24	1.28	1.26	1.22
7400.0	6.80	6.73	6.71	6.73	0.08	28.77	32.48	27.05	1.65	7400.0	1.43	1.22	1.28	1.26	1.21
7600.0	6.67	6.64	6.64	6.68	0.04	30.64	32.46	27.93	1.58	7600.0	1.31	1.20	1.27	1.26	1.18
7800.0	6.54	6.57	6.56	6.59	0.05	29.45	32.95	26.76	1.85	7800.0	1.24	1.22	1.28	1.27	1.20
8000.0	6.54	6.57	6.56	6.59	0.04	26.52	33.44	25.46	1.92	8000.0	1.24	1.25	1.28	1.30	1.25
8200.0	6.59	6.61	6.60	6.64	0.05	23.52	33.18	23.69	1.94	8200.0	1.33	1.26	1.29	1.32	1.27
8400.0	6.65	6.67	6.68	6.70	0.05	21.41	32.16	21.95	1.81	8400.0	1.47	1.26	1.29	1.32	1.28
8600.0	6.69	6.71	6.74	6.74	0.06	20.07	32.08	20.83	1.82	8600.0	1.54	1.23	1.25	1.31	1.27
8800.0	6.68	6.70	6.76	6.74	0.08	19.33	32.09	20.08	1.99	8800.0	1.54	1.18	1.20	1.26	1.23
9000.0	6.65	6.70	6.77	6.69	0.12	18.92	32.12	19.65	2.22	9000.0	1.52	1.11	1.13	1.20	1.18
9200.0	6.61	6.70	6.78	6.63	0.17	18.64	32.19	19.73	2.55	9200.0	1.47	1.04	1.07	1.14	1.11
9400.0	6.60	6.73	6.79	6.61	0.19	18.73	31.79	20.03	2.74	9400.0	1.40	1.06	1.08	1.09	1.05
9600.0	6.65	6.77	6.75	6.63	0.14	19.21	30.96	20.91	2.89	9600.0	1.34	1.16	1.15	1.11	1.09
9800.0	6.69	6.77	6.73	6.67	0.10	20.38	30.74	22.39	3.06	9800.0	1.28	1.26	1.24	1.17	1.16
10000.0	6.67	6.76	6.71	6.66	0.10	22.05	30.59	24.16	3.16	10000.0	1.26	1.34	1.32	1.24	1.23
10200.0	6.64	6.77	6.70	6.63	0.14	23.98	30.49	25.09	2.93	10200.0	1.30	1.42	1.39	1.30	1.31
10400.0	6.68	6.81	6.68	6.65	0.16	25.52	29.95	25.39	2.75	10400.0	1.36	1.51	1.45	1.35	1.38
10600.0	6.74	6.86	6.72	6.71	0.16	25.97	29.01	24.66	3.19	10600.0	1.43	1.54	1.48	1.39	1.42
10800.0	6.74	6.89	6.84	6.69	0.20	25.42	27.96	23.56	3.04	10800.0	1.48	1.55	1.50	1.42	1.44
11000.0	6.77	7.01	6.92	6.71	0.29	24.89	26.99	22.86	2.60	11000.0	1.57	1.59	1.53	1.45	1.48
11200.0	6.90	7.20	7.07	6.85	0.35	24.91	26.72	22.33	3.01	11200.0	1.70	1.62	1.56	1.48	1.50
11400.0	6.97	7.26	7.17	6.91	0.35	24.80	27.21	22.07	3.04	11400.0	1.74	1.59	1.56	1.49	1.49
11600.0	6.94	7.27	7.17	6.87	0.41	23.88	28.02	21.83	2.86	11600.0	1.69	1.56	1.52	1.47	1.47
11800.0	6.94	7.26	7.12	6.87	0.39	22.64	28.20	21.25	3.05	11800.0	1.58	1.54	1.49	1.45	1.46
12000.0	6.98	7.19	7.10	6.88	0.31	21.90	27.62	20.78	3.19	12000.0	1.46	1.53	1.48	1.44	1.45
12200.0	6.95	7.11	7.09	6.82	0.29	21.06	27.58	20.29	2.92	12200.0	1.33	1.54	1.46	1.43	1.48
12400.0	6.95	7.15	7.12	6.82	0.32	20.64	27.80	19.84	2.84	12400.0	1.35	1.57	1.46	1.44	1.53
12600.0	6.92	7.18	7.16	6.87	0.31	20.51	27.77	19.63	3.29	12600.0	1.54	1.55	1.47	1.45	1.53
12800.0	6.92	7.25	7.24	6.89	0.36	20.17	28.03	19.68	3.45	12800.0	1.66	1.57	1.49	1.46	1.56
13000.0	6.94	7.35	7.30	6.94	0.41	20.34	28.23	19.83	3.67	13000.0	1.73	1.55	1.47	1.47	1.56
13200.0	6.98	7.40	7.33	7.00	0.43	20.59	28.32	20.29	3.88	13200.0	1.77	1.51	1.45	1.48	1.54
13400.0	6.97	7.42	7.32	7.00	0.45	21.52	28.98	21.03	4.10	13400.0	1.71	1.51	1.47	1.50	1.58
13600.0	6.90	7.38	7.26	6.91	0.49	23.56	28.96	22.92	4.15	13600.0	1.54	1.52	1.46	1.50	1.62
13800.0	6.83	7.28	7.18	6.85	0.44	26.83	27.35	25.78	4.21	13800.0	1.41	1.46	1.41	1.48	1.60
14000.0	6.79	7.20	7.11	6.86	0.41	29.84	26.12	30.17	4.17	14000.0	1.35	1.39	1.37	1.44	1.56
14200.0	6.72	7.16	7.04	6.78	0.44	31.08	25.23	35.60	3.94	14200.0	1.22	1.35	1.33	1.39	1.53
14400.0	6.76	7.21	7.11	6.79	0.45	30.70	24.79	32.57	4.26	14400.0	1.23	1.32	1.29	1.36	1.50
14600.0	6.88	7.35	7.26	6.89	0.47	29.76	24.46	28.90	4.38	14600.0	1.37	1.33	1.27	1.32	1.50
14800.0	7.05	7.50	7.34	7.04	0.46	29.42	24.48	26.69	4.31	14800.0	1.51	1.31	1.23	1.28	1.48
15000.0	7.21	7.67	7.43	7.17	0.50	28.67	25.05	25.18	4.38	15000.0	1.71	1.25	1.19	1.24	1.41

¹Total Loss = Insertion Loss+ 6dB Splitter Loss



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