4 Way-0° Power Splitter/Combiner ZC4PD-ED13701/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS[1] (dB)				AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL (deg.)
	S-1	S-2	S-3	S-4		1-2	2-3	3-4	
3500.0	6.79	6.81	6.68	6.67	0.14	18.94	27.38	18.43	0.88
3600.0	6.71	6.75	6.61	6.59	0.15	20.45	27.45	19.93	0.81
3650.0	6.68	6.72	6.58	6.56	0.16	21.44	27.53	20.90	0.76
3700.0	6.65	6.70	6.56	6.54	0.17	22.64	27.65	22.08	0.72
3750.0	6.64	6.69	6.55	6.52	0.17	24.15	27.86	23.56	0.67
3800.0	6.62	6.69	6.55	6.51	0.18	25.99	28.15	25.40	0.64
3850.0	6.61	6.68	6.55	6.50	0.19	28.43	28.54	27.85	0.61
3900.0	6.60	6.69	6.55	6.49	0.19	31.84	28.99	31.53	0.59
3925.0	6.60	6.69	6.56	6.49	0.20	34.04	29.35	34.54	0.58
3950.0	6.60	6.69	6.56	6.49	0.20	36.96	29.72	37.56	0.58
3975.0	6.60	6.69	6.57	6.49	0.20	41.31	30.10	44.98	0.58
4000.0	6.60	6.70	6.57	6.49	0.21	49.23	30.50	57.49	0.58
4025.0	6.60	6.70	6.58	6.49	0.21	55.09	30.90	43.53	0.58
4050.0	6.60	6.71	6.59	6.49	0.22	46.02	31.25	38.39	0.58
4075.0	6.60	6.72	6.59	6.50	0.22	41.84	31.55	36.08	0.59
4100.0	6.61	6.72	6.60	6.50	0.23	39.43	31.76	34.41	0.59
4125.0	6.61	6.73	6.61	6.50	0.23	38.11	31.88	33.31	0.60
4150.0	6.61	6.74	6.62	6.50	0.24	37.36	31.90	32.81	0.61
4175.0	6.62	6.75	6.63	6.51	0.24	36.85	31.82	32.60	0.61
4200.0	6.62	6.76	6.64	6.51	0.24	36.98	31.70	32.56	0.60
4225.0	6.62	6.76	6.64	6.52	0.25	37.02	31.54	32.70	0.62
4250.0	6.63	6.77	6.65	6.52	0.25	37.42	31.36	33.11	0.63
4275.0	6.63	6.78	6.65	6.52	0.26	37.61	31.18	33.58	0.65
4300.0	6.64	6.79	6.66	6.53	0.26	37.82	31.00	34.14	0.66
4325.0	6.65	6.80	6.67	6.53	0.26	37.89	30.83	34.87	0.65
4350.0	6.65	6.81	6.68	6.54	0.27	37.46	30.69	35.49	0.65
4375.0	6.66	6.81	6.68	6.54	0.27	36.92	30.56	36.08	0.65
4400.0	6.66	6.82	6.69	6.54	0.28	36.15	30.45	36.53	0.65
4425.0	6.67	6.83	6.69	6.55	0.28	35.18	30.35	36.67	0.66
4450.0	6.67	6.83	6.70	6.55	0.28	34.24	30.26	36.51	0.66
4475.0	6.68	6.84	6.70	6.55	0.28	33.37	30.19	36.02	0.66
4500.0	6.68	6.84	6.70	6.56	0.28	32.54	30.11	35.39	0.67
4525.0	6.69	6.85	6.71	6.56	0.28	31.70	30.03	34.66	0.67
4550.0	6.69	6.85	6.71	6.57	0.28	30.90	29.97	33.87	0.67
4575.0	6.70	6.85	6.71	6.57	0.28	30.22	29.90	33.09	0.67
4600.0	6.70	6.85	6.71	6.57	0.28	29.60	29.84	32.37	0.68
4625.0	6.71	6.86	6.71	6.57	0.28	28.98	29.77	31.68	0.69
4650.0	6.71	6.86	6.71	6.57	0.28	28.44	29.69	31.03	0.70
4675.0	6.72	6.85	6.71	6.57	0.28	27.92	29.61	30.42	0.71
4700.0	6.72	6.86	6.71	6.57	0.28	27.46	29.53	29.87	0.71
4725.0	6.73	6.86	6.71	6.58	0.28	27.03	29.46	29.36	0.72
4750.0	6.73	6.86	6.71	6.58	0.28	26.64	29.37	28.88	0.73
4775.0	6.73	6.85	6.71	6.58	0.27	26.27	29.28	28.44	0.74
4800.0	6.74	6.85	6.71	6.58	0.27	25.92	29.19	28.05	0.74
4825.0	6.75	6.85	6.71	6.59	0.26	25.61	29.11	27.68	0.75
4850.0	6.75	6.85	6.71	6.59	0.26	25.31	29.03	27.35	0.76
4875.0	6.75	6.85	6.70	6.59	0.26	25.02	28.94	27.03	0.76
4900.0	6.76	6.85	6.70	6.59	0.25	24.76	28.86	26.76	0.76
4925.0	6.77	6.85	6.71	6.60	0.25	24.53	28.78	26.51	0.77
4950.0	6.78	6.85	6.70	6.61	0.24	24.32	28.69	26.28	0.78
4975.0	6.78	6.85	6.70	6.61	0.24	24.12	28.63	26.08	0.80
5000.0	6.79	6.85	6.71	6.62	0.23	23.95	28.56	25.92	0.81
5025.0	6.80	6.85	6.71	6.63	0.22	23.80	28.51	25.79	0.82
5050.0	6.81	6.85	6.71	6.64	0.22	23.67	28.45	25.67	0.84
5075.0	6.82	6.85	6.72	6.65	0.21	23.57	28.40	25.59	0.86
5100.0	6.83	6.86	6.72	6.66	0.20	23.47	28.36	25.53	0.87
5150.0	6.86	6.87	6.73	6.68	0.18	23.36	28.30	25.50	0.90
5200.0	6.88	6.88	6.75	6.71	0.18	23.33	28.29	25.55	0.97
5250.0	6.91	6.90	6.76	6.74	0.17	23.35	28.31	25.69	1.05
5300.0	6.93	6.91	6.78	6.77	0.17	23.43	28.37	25.88	1.10
5350.0	6.96	6.92	6.80	6.80	0.16	23.53	28.49	26.08	1.20
5400.0	6.98	6.94	6.82	6.82	0.16	23.62	28.64	26.21	1.28
5450.0	7.00	6.96	6.83	6.84	0.16	23.65	28.83	26.18	1.37
5500.0	7.01	6.97	6.84	6.86	0.16	23.58	29.06	25.93	1.46
5600.0	7.02	6.97	6.86	6.87	0.16	22.97	29.57	24.67	1.66
5700.0	7.02	6.97	6.85	6.87	0.17	21.80	30.03	22.82	1.80
5800.0	7.01	6.95	6.83	6.86	0.18	20.38	30.19	20.93	1.94
5900.0	7.00	6.94	6.80	6.85	0.19	19.02	29.92	19.31	2.02
6000.0	7.00	6.94	6.78	6.85	0.22	17.86	29.25	18.04	2.03

FREQ. (MHz)	VSWR (:1)				
	S	1	2	3	4
3500.0	1.66	1.43	1.39	1.36	1.38
3600.0	1.52	1.39	1.36	1.32	1.33
3650.0	1.45	1.37	1.34	1.30	1.31
3700.0	1.39	1.35	1.32	1.28	1.29
3750.0	1.34	1.33	1.31	1.27	1.27
3800.0	1.30	1.31	1.29	1.25	1.25
3850.0	1.26	1.29	1.28	1.24	1.23
3900.0	1.22	1.27	1.27	1.23	1.22
3925.0	1.21	1.27	1.26	1.22	1.21
3950.0	1.19	1.26	1.26	1.21	1.20
3975.0	1.18	1.25	1.25	1.21	1.20
4000.0	1.17	1.25	1.25	1.20	1.19
4025.0	1.16	1.24	1.24	1.20	1.18
4050.0	1.15	1.23	1.24	1.20	1.18
4075.0	1.14	1.23	1.23	1.19	1.17
4100.0	1.14	1.22	1.23	1.19	1.17
4125.0	1.13	1.22	1.23	1.19	1.17
4150.0	1.13	1.22	1.22	1.18	1.16
4175.0	1.12	1.21	1.22	1.18	1.16
4200.0	1.12	1.21	1.22	1.18	1.16
4225.0	1.12	1.21	1.22	1.18	1.16
4250.0	1.12	1.20	1.22	1.18	1.15
4275.0	1.11	1.20	1.22	1.18	1.15
4300.0	1.11	1.20	1.22	1.18	1.15
4325.0	1.11	1.20	1.22	1.18	1.15
4350.0	1.11	1.20	1.22	1.18	1.15
4375.0	1.11	1.20	1.22	1.18	1.15
4400.0	1.11	1.20	1.22	1.18	1.15
4425.0	1.11	1.20	1.22	1.18	1.15
4450.0	1.10	1.20	1.22	1.18	1.16
4475.0	1.10	1.20	1.22	1.19	1.16
4500.0	1.10	1.20	1.22	1.19	1.16
4525.0	1.10	1.20	1.23	1.19	1.16
4550.0	1.10	1.21	1.23	1.19	1.17
4575.0	1.09	1.21	1.22	1.20	1.17
4600.0	1.09	1.21	1.23	1.20	1.18
4625.0	1.09	1.21	1.23	1.20	1.18
4650.0	1.09	1.22	1.23	1.20	1.18
4675.0	1.08	1.22	1.23	1.21	1.19
4700.0	1.08	1.22	1.23	1.21	1.19
4725.0	1.07	1.22	1.24	1.21	1.19
4750.0	1.07	1.22	1.24	1.21	1.20
4775.0	1.06	1.23	1.23	1.21	1.20
4800.0	1.05	1.23	1.23	1.22	1.21
4825.0	1.05	1.23	1.23	1.22	1.21
4850.0	1.04	1.23	1.24	1.22	1.21
4875.0	1.03	1.23	1.24	1.22	1.22
4900.0	1.02	1.23	1.23	1.22	1.22
4925.0	1.02	1.23	1.23	1.22	1.22
4950.0	1.02	1.23	1.23	1.22	1.23
4975.0	1.03	1.24	1.23	1.22	1.23
5000.0	1.04	1.24	1.23	1.22	1.23
5025.0	1.05	1.24	1.23	1.22	1.23
5050.0	1.06	1.23	1.23	1.22	1.23
5075.0	1.07	1.24	1.23	1.22	1.24
5100.0	1.08	1.24	1.23	1.22	1.24
5150.0	1.11	1.24	1.22	1.22	1.24
5200.0	1.14	1.23	1.22	1.22	1.24
5250.0	1.17	1.24	1.21	1.21	1.24
5300.0	1.20	1.23	1.21	1.21	1.25
5350.0	1.22	1.23	1.20	1.21	1.25
5400.0	1.24	1.23	1.20	1.20	1.25
5450.0	1.26	1.23	1.20	1.20	1.25
5500.0	1.27	1.22	1.19	1.19	1.24
5600.0	1.28	1.21	1.18	1.18	1.24
5700.0	1.27	1.19	1.16	1.17	1.23
5800.0	1.24	1.17	1.15	1.15	1.22
5900.0	1.20	1.14	1.13	1.13	1.20
6000.0	1.17	1.11	1.11	1.11	1.17

[1]Total Loss = Insertion Loss + 6dB Splitter Loss