

Directional Coupler

ZADC-6-2G-5W+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
100.0	0.07	23.23	42.23	45.99	45.74	54.49
200.0	0.17	17.37	45.40	47.62	40.82	44.36
300.0	0.28	14.05	48.72	45.32	38.48	39.13
400.0	0.42	11.82	49.53	41.76	35.08	35.74
500.0	0.58	10.20	45.15	38.34	33.17	32.91
550.0	0.66	9.55	42.87	36.98	32.41	32.21
600.0	0.75	8.99	40.70	35.47	31.15	31.75
650.0	0.83	8.50	38.88	33.44	29.94	31.50
700.0	0.92	8.07	37.30	33.12	29.47	30.99
750.0	1.00	7.69	36.22	32.09	28.80	31.35
800.0	1.08	7.35	34.57	31.46	28.00	31.82
850.0	1.16	7.06	33.68	31.02	27.63	31.93
900.0	1.23	6.80	33.05	30.33	26.86	32.77
950.0	1.31	6.57	31.76	30.15	26.48	33.29
1000.0	1.37	6.38	30.90	29.68	25.99	35.76
1050.0	1.43	6.22	30.44	29.07	25.50	38.53
1100.0	1.49	6.08	29.47	29.17	25.22	40.82
1150.0	1.53	5.96	28.69	28.91	24.77	50.82
1200.0	1.57	5.87	28.24	28.76	24.40	52.27
1250.0	1.61	5.80	27.39	28.79	24.18	39.75
1300.0	1.63	5.75	26.72	29.22	24.11	35.68
1350.0	1.64	5.72	26.23	29.40	24.00	32.86
1400.0	1.65	5.72	25.47	30.13	24.11	29.78
1450.0	1.65	5.73	24.80	30.92	24.43	27.94
1500.0	1.64	5.77	24.33	31.19	24.46	25.97
1550.0	1.62	5.83	23.75	32.38	25.02	24.54
1600.0	1.60	5.90	23.21	33.42	25.80	23.38
1650.0	1.56	6.01	22.90	34.16	26.07	22.25
1700.0	1.53	6.14	22.39	36.87	27.68	21.33
1750.0	1.48	6.30	21.99	40.23	28.68	20.45
1800.0	1.43	6.48	21.70	39.05	29.12	19.92
1850.0	1.37	6.69	21.28	37.60	30.58	19.20
1900.0	1.32	6.93	20.97	34.51	29.80	18.89
1950.0	1.26	7.20	20.78	31.50	28.20	18.59
2000.0	1.19	7.52	20.58	28.75	26.56	18.21
2050.0	1.13	7.88	20.33	27.03	25.16	18.41
2100.0	1.07	8.29	20.43	25.35	23.44	18.18
2150.0	1.01	8.76	20.51	23.48	22.16	18.51
2200.0	0.95	9.31	20.64	22.26	20.91	19.06
2250.0	0.89	9.96	21.18	21.00	19.94	19.30
2300.0	0.84	10.73	22.05	19.82	18.86	20.25
2350.0	0.79	11.67	23.47	18.99	18.15	21.04
2400.0	0.76	12.88	27.53	18.05	17.17	21.20
2450.0	0.79	14.58	33.50	16.36	15.46	21.29
2500.0	1.57	18.63	8.38	11.44	10.11	19.64
2600.0	0.64	21.48	11.68	18.64	21.00	16.44
2700.0	0.87	24.98	6.10	18.66	21.15	12.74
2800.0	6.84	13.14	2.22	5.09	5.33	9.00
2900.0	3.87	17.39	-3.41	4.97	5.13	7.39
3000.0	1.93	19.12	-4.54	7.23	7.42	6.40
3100.0	1.38	16.77	-2.27	9.06	9.38	5.54
3200.0	1.13	14.64	-0.44	10.92	11.57	4.95
3300.0	1.00	12.88	0.88	13.29	14.61	4.66
3400.0	0.96	11.32	2.07	16.73	19.93	4.55
3500.0	1.02	9.95	3.09	21.01	25.39	4.60

REV. X1
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