

# Directional Coupler

# ZFDC-10-5+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
1.0	1.47	11.03	47.08	14.55	18.01	18.03
10.0	1.14	10.68	49.31	18.30	30.39	31.14
20.0	1.17	10.70	49.84	18.28	30.89	31.60
30.0	1.17	10.73	49.32	18.25	30.79	31.42
40.0	1.13	10.71	49.57	18.26	30.69	31.26
50.0	1.15	10.71	48.50	18.28	30.57	31.08
60.0	1.18	10.70	48.62	18.29	30.47	30.88
70.0	1.16	10.69	47.69	18.31	30.36	30.70
80.0	1.12	10.70	47.38	18.32	30.20	30.46
90.0	1.12	10.70	46.80	18.32	30.05	30.18
100.0	1.17	10.72	46.41	18.34	29.91	29.96
180.0	1.19	10.76	42.83	18.48	28.57	27.86
260.0	1.20	10.78	39.74	18.61	27.02	25.80
340.0	1.13	10.72	37.38	18.69	25.60	24.07
420.0	1.12	10.69	35.36	18.76	24.39	22.62
500.0	1.20	10.74	33.68	18.79	23.26	21.32
600.0	1.19	10.77	31.82	18.79	22.14	19.98
700.0	1.22	10.79	30.37	18.85	21.28	18.84
800.0	1.12	10.68	29.12	18.86	20.53	17.83
900.0	1.31	10.78	28.14	18.80	19.91	16.97
1000.0	1.21	10.78	27.20	18.73	19.46	16.28
1050.0	1.19	10.73	26.87	18.84	19.38	15.98
1100.0	1.23	10.75	26.49	18.75	19.19	15.71
1150.0	1.32	10.85	26.16	18.77	19.05	15.41
1200.0	1.16	10.73	25.82	18.83	19.01	15.22
1250.0	1.22	10.77	25.57	18.73	18.79	14.97
1300.0	1.31	10.81	25.29	18.83	18.76	14.75
1350.0	1.20	10.77	25.02	18.79	18.60	14.60
1400.0	1.26	10.84	24.74	18.75	18.42	14.36
1450.0	1.31	10.87	24.49	18.82	18.30	14.24
1500.0	1.25	10.83	24.28	18.67	17.96	14.06
1550.0	1.34	10.96	23.98	18.70	17.75	13.90
1600.0	1.37	10.99	23.68	18.62	17.35	13.79
1650.0	1.28	10.89	23.33	18.43	16.91	13.58
1700.0	1.35	11.03	22.97	18.42	16.49	13.48
1750.0	1.44	11.13	22.57	18.14	15.85	13.31
1800.0	1.33	11.08	22.06	17.99	15.32	13.15
1850.0	1.51	11.30	21.59	17.81	14.65	13.04
1900.0	1.52	11.31	21.06	17.45	13.96	12.83
1950.0	1.41	11.40	20.38	17.28	13.30	12.70
2000.0	1.59	11.68	19.78	16.91	12.53	12.52

REV. X1  
ZFDC-10-5+  
060718  
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