

# Directional Coupler

# ZFDC-10-182+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
10.0	1.22	9.89	27.67	18.18	31.31	32.50
30.0	1.23	9.90	28.06	18.34	34.84	40.16
50.0	1.25	9.92	28.35	18.31	34.64	39.67
70.0	1.27	9.94	28.54	18.35	34.49	38.04
90.0	1.27	9.95	28.64	18.40	34.45	36.66
100.0	1.28	9.96	28.81	18.43	34.63	36.08
300.0	1.31	10.11	30.29	19.34	35.44	29.47
500.0	1.33	10.24	33.19	20.63	34.98	27.15
700.0	1.34	10.36	37.70	22.46	33.85	26.28
900.0	1.34	10.44	34.01	25.09	32.16	24.97
1000.0	1.35	10.47	31.47	26.62	31.16	23.80
1100.0	1.35	10.49	29.19	28.26	30.19	22.28
1200.0	1.37	10.51	27.39	29.41	29.15	20.72
1300.0	1.38	10.53	26.01	29.36	27.93	19.11
1400.0	1.40	10.56	24.85	28.21	26.75	17.58
1500.0	1.43	10.60	24.01	26.51	25.54	16.16
1600.0	1.47	10.67	23.25	24.89	24.48	14.84
1700.0	1.52	10.75	22.72	23.54	23.60	13.64
1800.0	1.57	10.86	22.35	22.44	22.89	12.56