

# Directional Coupler

# ZHDC-16-63+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
50.0	1.47	16.54	33.07	42.34	39.93	27.52
70.0	1.48	16.65	34.97	41.79	38.92	25.43
90.0	1.48	16.74	36.61	40.66	37.73	24.22
100.0	1.49	16.78	37.54	40.29	37.22	23.79
500.0	1.58	17.13	39.79	33.74	29.44	20.72
700.0	1.61	17.15	37.46	34.45	29.17	20.32
900.0	1.64	17.14	36.52	35.40	30.49	19.60
1000.0	1.66	17.14	36.11	34.49	30.93	19.34
1250.0	1.69	17.13	36.29	31.12	30.63	18.86
1500.0	1.74	17.09	37.33	28.65	27.31	18.47
1750.0	1.78	17.01	38.10	27.70	24.53	18.26
2000.0	1.83	16.94	38.05	28.16	22.70	18.07
2250.0	1.88	16.91	36.60	29.91	21.96	17.52
2500.0	1.94	16.85	34.92	32.07	22.07	17.51
2750.0	1.98	16.77	33.34	33.94	22.85	17.86
3000.0	2.02	16.69	32.84	36.11	23.85	17.17
3500.0	2.09	16.65	32.79	40.38	23.72	17.73
4000.0	2.14	16.61	31.16	44.83	22.99	17.44
4250.0	2.17	16.56	29.97	37.11	22.20	17.65
4500.0	2.21	16.53	29.15	36.48	21.49	19.84
4750.0	2.27	16.50	28.78	38.91	20.16	20.20
5000.0	2.29	16.43	29.68	34.91	18.62	19.10
5250.0	2.31	16.42	30.46	29.96	17.98	21.57
5500.0	2.31	16.47	31.67	28.80	18.51	21.26
5750.0	2.32	16.43	34.31	36.92	19.72	18.47
6000.0	2.41	16.31	35.60	25.26	16.64	18.56