

# Directional Coupler

# ZFDC-20-50+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
20.0	0.91	19.45	34.41	34.41	17.49	18.75
38.0	0.77	19.29	38.11	38.11	19.79	21.67
56.0	0.72	19.25	39.47	39.47	20.83	23.11
74.0	0.69	19.23	39.43	39.44	21.45	23.98
92.0	0.68	19.22	39.97	39.97	21.91	24.59
110.0	0.67	19.21	39.85	39.85	22.25	25.04
128.0	0.66	19.22	39.49	39.49	22.53	25.36
146.0	0.66	19.22	39.00	39.00	22.75	25.58
164.0	0.66	19.23	38.47	38.47	22.95	25.73
182.0	0.66	19.24	37.87	37.88	23.12	25.86
200.0	0.66	19.24	37.71	37.70	23.30	25.96
270.0	0.68	19.31	35.04	35.04	24.02	26.17
340.0	0.70	19.38	33.19	33.19	24.78	26.22
410.0	0.72	19.44	31.07	31.07	25.56	26.29
480.0	0.73	19.54	29.41	29.40	26.36	26.38
550.0	0.76	19.64	27.85	27.85	27.03	26.52
620.0	0.78	19.72	26.56	26.56	27.28	26.71
690.0	0.80	19.81	25.48	25.48	27.06	26.84
760.0	0.83	19.88	24.59	24.60	26.34	27.00
830.0	0.86	19.93	23.79	23.80	25.33	27.14
900.0	0.87	19.98	23.02	23.02	24.17	27.23
920.0	0.89	19.99	22.88	22.88	23.84	27.23
940.0	0.90	19.98	22.73	22.73	23.50	27.29
960.0	0.89	20.00	22.52	22.52	23.17	27.31
980.0	0.90	20.03	22.35	22.36	22.84	27.28
1000.0	0.92	20.04	22.23	22.23	22.52	27.23
1020.0	0.93	20.03	22.07	22.07	22.22	27.22
1040.0	0.94	20.03	21.96	21.96	21.91	27.26
1060.0	0.94	20.05	21.83	21.83	21.60	27.18
1080.0	0.94	20.07	21.70	21.70	21.30	26.96
1100.0	0.96	20.08	21.59	21.59	21.01	26.89
1190.0	1.01	20.10	21.20	21.21	19.79	26.78
1280.0	1.05	20.08	20.95	20.95	18.70	26.44
1370.0	1.11	20.07	20.86	20.86	17.74	25.81
1460.0	1.16	20.08	20.83	20.83	16.86	25.10
1550.0	1.19	20.14	20.91	20.90	16.07	24.40
1640.0	1.21	20.21	20.96	20.96	15.35	23.75
1730.0	1.25	20.26	21.19	21.19	14.68	23.05
1820.0	1.32	20.28	21.23	21.23	14.06	22.34
1910.0	1.40	20.27	21.13	21.13	13.48	21.54
2000.0	1.51	20.25	20.80	20.80	12.92	20.68



ISO 9001 ISO 14001 AS 9100 CERTIFIED

For detailed performance specs & shopping online see web site

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IF/RF MICROWAVE COMPONENTS

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