

# Directional Coupler

# ZFDC-10-1+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
1.0	0.97	10.47	58.25	25.76	18.55	19.10
2.0	0.85	10.38	58.49	29.42	19.89	20.37
3.0	0.81	10.35	58.56	31.31	20.46	20.86
4.0	0.79	10.33	58.41	32.31	20.75	21.12
5.0	0.78	10.32	57.52	32.88	20.94	21.28
6.0	0.78	10.32	58.53	33.23	21.05	21.38
7.0	0.77	10.31	58.33	33.41	21.13	21.44
8.0	0.76	10.31	56.96	33.53	21.19	21.49
9.0	0.76	10.31	57.51	33.62	21.25	21.54
10.0	0.76	10.31	56.53	33.67	21.27	21.56
29.0	0.76	10.31	52.81	33.14	21.43	21.67
48.0	0.76	10.33	49.84	32.05	21.37	21.63
67.0	0.77	10.34	46.55	30.69	21.30	21.61
86.0	0.76	10.34	44.39	29.38	21.21	21.59
105.0	0.77	10.37	42.35	28.17	21.08	21.53
124.0	0.77	10.40	40.51	27.15	20.86	21.41
143.0	0.76	10.40	38.96	26.28	20.66	21.32
162.0	0.76	10.42	37.31	25.51	20.47	21.21
181.0	0.78	10.47	36.09	24.81	20.31	21.11
200.0	0.78	10.50	34.55	24.17	20.10	21.00
210.0	0.77	10.50	33.78	23.84	19.98	20.94
220.0	0.76	10.49	33.22	23.55	19.85	20.86
230.0	0.76	10.50	32.53	23.28	19.74	20.78
240.0	0.76	10.53	31.96	23.02	19.63	20.70
250.0	0.79	10.57	31.32	22.80	19.53	20.61
260.0	0.81	10.61	30.81	22.56	19.42	20.52
270.0	0.80	10.62	30.12	22.35	19.32	20.45
280.0	0.78	10.62	29.55	22.16	19.20	20.36
290.0	0.77	10.61	29.13	21.96	19.08	20.28
300.0	0.76	10.61	28.53	21.80	18.96	20.19
315.0	0.79	10.68	27.81	21.57	18.81	20.04
330.0	0.83	10.74	27.02	21.34	18.68	19.89
345.0	0.80	10.75	26.29	21.17	18.56	19.76
360.0	0.78	10.73	25.59	20.98	18.40	19.61
375.0	0.80	10.77	24.94	20.82	18.25	19.46
390.0	0.86	10.86	24.28	20.68	18.13	19.31
405.0	0.86	10.90	23.63	20.56	18.03	19.15
420.0	0.81	10.88	22.99	20.47	17.93	19.00
435.0	0.82	10.89	22.45	20.36	17.82	18.85
450.0	0.89	10.98	21.87	20.30	17.69	18.71
500.0	0.85	11.04	20.05	20.16	17.44	18.20

REV. X1  
ZFDC-10-1+  
060718  
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