

# Directional Coupler

# ZFDC-20-3+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.2	0.22	19.25	51.15	28.24	27.54	28.44
0.3	0.22	19.26	50.75	31.46	30.06	30.49
0.4	0.23	19.26	50.15	33.44	31.38	31.46
0.5	0.23	19.26	51.01	34.76	32.12	32.03
0.6	0.22	19.26	49.36	35.75	32.69	32.47
0.7	0.22	19.26	50.00	36.52	33.16	32.85
0.8	0.22	19.25	49.90	37.21	33.58	33.19
0.9	0.21	19.24	49.70	37.79	33.93	33.48
1.0	0.21	19.24	50.27	38.37	34.30	33.77
2.0	0.18	19.23	49.39	42.74	36.71	35.41
15.0	0.17	19.21	45.62	51.63	40.21	37.19
26.0	0.17	19.21	43.25	46.26	39.64	37.00
37.0	0.17	19.20	39.35	42.77	38.65	36.63
48.0	0.17	19.21	37.50	40.49	37.44	36.01
59.0	0.18	19.20	35.89	38.57	36.24	35.35
70.0	0.18	19.20	34.81	37.08	35.14	34.68
81.0	0.18	19.19	33.35	35.73	34.10	33.94
92.0	0.17	19.17	32.17	34.62	33.12	33.21
103.0	0.18	19.17	31.22	33.59	32.15	32.40
114.0	0.19	19.19	30.49	32.53	31.23	31.63
125.0	0.21	19.19	29.74	31.69	30.46	31.00
130.0	0.21	19.18	29.34	31.27	30.06	30.67
135.0	0.21	19.18	29.21	30.91	29.73	30.38
140.0	0.21	19.17	28.96	30.52	29.37	30.08
145.0	0.21	19.16	28.69	30.18	29.05	29.80
150.0	0.20	19.14	28.37	29.84	28.74	29.55
155.0	0.19	19.13	28.05	29.52	28.45	29.25
160.0	0.18	19.11	27.85	29.22	28.17	29.03
165.0	0.18	19.11	27.71	28.92	27.89	28.75
170.0	0.18	19.11	27.45	28.62	27.62	28.53
175.0	0.19	19.13	27.24	28.35	27.36	28.28
182.0	0.21	19.16	26.89	27.96	27.00	27.95
189.0	0.24	19.16	26.72	27.60	26.67	27.62
196.0	0.26	19.17	26.50	27.24	26.29	27.28
203.0	0.26	19.15	26.29	26.89	25.98	26.97
210.0	0.25	19.13	26.07	26.58	25.67	26.68
218.0	0.23	19.09	25.81	26.19	25.31	26.32
226.0	0.20	19.04	25.68	25.82	24.94	25.98
234.0	0.19	19.02	25.38	25.47	24.62	25.68
242.0	0.20	19.06	25.24	25.14	24.29	25.35
250.0	0.25	19.11	25.10	24.80	23.98	25.04

REV. X1  
ZFDC-20-3+  
060718  
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