

Directional Coupler

ZDC-20-1+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
25.0	0.13	19.97	35.76	34.28	33.88	39.90
30.0	0.13	19.97	35.52	34.20	33.22	39.51
35.0	0.13	19.98	35.55	34.14	32.58	39.21
40.0	0.14	19.98	35.42	34.04	31.99	38.99
45.0	0.14	19.98	35.38	33.99	31.38	38.66
50.0	0.14	19.98	35.22	33.95	30.81	38.41
60.0	0.14	19.98	34.86	33.83	29.72	37.87
70.0	0.14	19.98	34.60	33.81	28.72	37.30
80.0	0.14	19.98	34.30	33.78	27.78	36.78
90.0	0.14	19.99	34.32	33.92	26.96	36.35
100.0	0.13	19.99	34.00	34.01	26.22	35.99
110.0	0.14	20.01	33.80	34.14	25.53	35.55
120.0	0.14	20.01	33.33	34.16	24.90	35.11
130.0	0.15	20.02	33.21	34.12	24.27	34.65
140.0	0.14	20.02	33.04	33.97	23.66	34.13
150.0	0.13	20.02	32.55	33.95	23.10	33.60
160.0	0.14	20.02	32.39	33.90	22.55	33.12
170.0	0.13	20.03	32.16	34.02	22.09	32.72
180.0	0.13	20.05	31.99	34.12	21.66	32.36
190.0	0.15	20.05	31.37	34.27	21.26	32.05
200.0	0.15	20.07	31.11	34.36	20.88	31.74
210.0	0.15	20.08	30.90	34.23	20.48	31.35
220.0	0.14	20.07	30.43	34.02	20.08	30.91
230.0	0.13	20.08	30.25	33.83	19.72	30.51
240.0	0.12	20.08	29.70	33.63	19.37	30.11
250.0	0.13	20.10	29.34	33.55	19.07	29.79
260.0	0.15	20.13	29.21	33.58	18.79	29.50
270.0	0.17	20.15	28.89	33.57	18.52	29.23
280.0	0.17	20.16	28.34	33.54	18.26	28.98
290.0	0.14	20.15	28.04	33.35	17.98	28.70
300.0	0.12	20.15	27.73	33.07	17.72	28.39
310.0	0.10	20.15	27.48	32.70	17.46	28.08
320.0	0.12	20.16	26.90	32.32	17.22	27.78
330.0	0.16	20.19	26.55	32.02	17.00	27.49
340.0	0.19	20.23	26.20	31.78	16.81	27.27
350.0	0.18	20.24	25.78	31.58	16.63	27.07
360.0	0.15	20.23	25.48	31.39	16.45	26.85
370.0	0.11	20.21	25.18	31.13	16.27	26.67
380.0	0.12	20.23	24.88	30.77	16.08	26.44
390.0	0.16	20.24	24.55	30.35	15.90	26.21
400.0	0.21	20.28	24.37	29.89	15.74	26.00



P.O. Box 350166, Brooklyn, New York 11235-0008 (718) 634-4500 Fax (718) 332-4661 The Design Engineers Search Engine Provides ACTUAL Data Instantly at minicircuits.com

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