

Directional Coupler

ZMDC-10-1+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.5	0.73	11.62	75.22	63.60	25.33	20.56
0.6	0.72	11.60	75.08	63.47	26.48	20.97
0.7	0.71	11.59	72.59	61.00	27.37	21.28
0.8	0.69	11.57	73.84	62.27	28.08	21.55
0.9	0.69	11.57	75.75	64.18	28.71	21.79
1.0	0.68	11.56	73.40	61.84	29.25	22.00
2.0	0.61	11.49	73.85	62.36	32.37	23.26
3.0	0.59	11.47	73.94	62.47	33.59	23.78
4.0	0.58	11.45	74.20	62.75	34.21	24.05
5.0	0.57	11.45	72.92	61.46	34.52	24.18
10.0	0.57	11.45	70.39	58.94	35.01	24.39
29.0	0.58	11.46	64.49	53.03	35.17	24.27
48.0	0.60	11.49	60.95	49.46	34.66	24.10
67.0	0.61	11.50	57.54	46.04	33.73	23.96
86.0	0.62	11.52	56.14	44.62	32.75	23.82
105.0	0.63	11.53	54.35	42.82	31.82	23.67
124.0	0.63	11.55	52.70	41.15	31.03	23.50
143.0	0.64	11.55	51.44	39.89	30.24	23.30
162.0	0.65	11.57	50.44	38.87	29.50	23.08
181.0	0.66	11.58	49.41	37.83	28.69	22.87
200.0	0.67	11.60	48.42	36.82	28.03	22.65
210.0	0.67	11.62	47.91	36.29	27.67	22.54
220.0	0.67	11.63	47.40	35.77	27.38	22.42
230.0	0.68	11.63	46.99	35.36	27.07	22.31
240.0	0.69	11.65	46.62	34.98	26.80	22.20
250.0	0.70	11.65	46.03	34.37	26.52	22.08
260.0	0.70	11.66	45.71	34.05	26.27	21.97
270.0	0.71	11.67	45.10	33.43	26.03	21.85
280.0	0.72	11.69	44.75	33.06	25.78	21.74
290.0	0.72	11.70	44.24	32.54	25.55	21.63
300.0	0.72	11.70	43.78	32.08	25.34	21.53
320.0	0.73	11.71	42.88	31.17	24.90	21.32
340.0	0.75	11.73	41.91	30.18	24.49	21.14
360.0	0.78	11.75	41.01	29.26	24.13	20.95
380.0	0.78	11.78	40.15	28.37	23.78	20.78
400.0	0.78	11.79	39.23	27.44	23.45	20.60
420.0	0.81	11.80	38.25	26.46	23.14	20.45
440.0	0.84	11.81	37.47	25.66	22.84	20.31
460.0	0.86	11.83	36.52	24.69	22.55	20.20
480.0	0.86	11.86	35.68	23.82	22.26	20.08
500.0	0.88	11.86	34.83	22.98	21.97	19.97

REV. X1
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060718
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