

Directional Coupler

ZFDC-10-1-75

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
1.0	0.81	12.33	75.29	23.54	17.17	17.30
2.0	0.58	11.77	80.00	27.84	18.58	18.80
3.0	0.60	11.96	78.04	30.81	19.19	19.46
4.0	0.60	12.09	72.58	33.10	19.52	19.81
5.0	0.59	12.04	76.89	35.16	19.71	20.01
6.0	0.58	12.01	76.30	36.93	19.82	20.13
7.0	0.56	11.95	75.15	38.61	19.91	20.22
8.0	0.58	12.01	68.95	40.21	19.97	20.27
9.0	0.57	11.98	76.56	41.70	20.00	20.31
10.0	0.57	12.00	72.91	43.24	20.02	20.33
20.0	0.57	11.96	72.41	45.73	20.05	20.26
38.0	0.64	12.03	69.00	37.65	19.94	19.79
56.0	0.68	12.01	65.61	34.14	19.84	19.23
74.0	0.71	11.95	63.82	31.77	19.76	18.61
92.0	0.73	11.91	58.95	29.93	19.67	17.93
110.0	0.79	11.91	53.49	28.37	19.58	17.25
128.0	0.85	11.90	50.74	27.03	19.47	16.59
146.0	0.89	11.84	49.03	25.90	19.36	15.94
164.0	0.89	11.74	46.84	24.88	19.23	15.31
182.0	0.89	11.66	44.91	23.99	19.08	14.71
200.0	0.93	11.66	43.31	23.14	18.90	14.13
210.0	0.96	11.67	42.77	22.66	18.80	13.82
220.0	0.99	11.66	41.90	22.23	18.71	13.53
230.0	1.00	11.62	41.44	21.80	18.60	13.24
240.0	1.00	11.57	40.87	21.41	18.50	12.97
250.0	0.97	11.48	39.96	21.03	18.41	12.70
260.0	0.95	11.42	39.18	20.69	18.31	12.46
270.0	0.91	11.37	38.77	20.36	18.19	12.21
280.0	0.90	11.36	37.98	20.04	18.08	11.98
290.0	0.90	11.36	37.69	19.75	17.97	11.75
300.0	0.92	11.38	36.90	19.47	17.85	11.54
310.0	0.93	11.38	36.29	19.19	17.72	11.32
320.0	0.94	11.35	35.51	18.91	17.58	11.12
330.0	0.92	11.30	35.38	18.65	17.45	10.93
340.0	0.87	11.22	34.65	18.39	17.32	10.74
350.0	0.81	11.15	34.08	18.13	17.18	10.55
360.0	0.76	11.11	33.84	17.89	17.04	10.38
370.0	0.73	11.09	33.24	17.65	16.90	10.20
380.0	0.72	11.11	32.90	17.42	16.77	10.04
390.0	0.72	11.12	32.33	17.21	16.63	9.88
400.0	0.73	11.13	31.96	16.98	16.49	9.73

REV. X1
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