

Directional Coupler

ZFDC-15-5

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
1.0	1.31	15.29	37.94	15.49	17.00	16.71
2.0	1.07	15.06	35.78	17.47	19.64	19.03
3.0	0.99	14.97	34.95	18.43	21.08	20.15
4.0	0.95	14.93	34.41	18.96	21.93	20.74
5.0	0.92	14.91	34.30	19.27	22.45	21.09
6.0	0.90	14.89	33.97	19.51	22.85	21.32
7.0	0.90	14.88	33.96	19.64	23.10	21.48
8.0	0.89	14.87	33.96	19.73	23.27	21.58
9.0	0.89	14.87	33.82	19.80	23.40	21.66
10.0	0.87	14.86	33.70	19.86	23.50	21.71
50.0	0.91	14.89	33.50	19.66	23.19	21.37
95.0	0.90	14.89	33.83	19.48	22.68	21.18
140.0	0.89	14.89	34.43	19.32	22.11	21.03
185.0	0.91	14.91	35.18	19.08	21.44	20.79
230.0	0.87	14.87	36.45	18.88	20.85	20.60
275.0	0.92	14.93	37.75	18.59	20.18	20.30
320.0	0.94	14.94	39.47	18.32	19.60	20.01
365.0	0.89	14.90	41.22	18.07	19.09	19.71
410.0	0.98	14.99	41.03	17.80	18.63	19.39
455.0	1.03	15.04	39.70	17.58	18.26	19.08
500.0	1.00	15.01	37.41	17.36	17.92	18.77
600.0	1.14	15.20	32.43	17.04	17.46	18.10
700.0	1.09	15.22	28.95	16.95	17.33	17.57
800.0	1.13	15.31	26.47	17.10	17.50	17.13
900.0	1.23	15.54	24.41	17.46	17.88	16.78
1000.0	1.06	15.52	22.83	18.13	18.54	16.54
1100.0	1.18	15.69	21.62	19.09	19.36	16.42
1200.0	1.25	15.85	20.77	20.29	20.17	16.42
1300.0	1.12	15.86	20.10	21.52	20.63	16.49
1400.0	1.21	16.02	19.66	22.56	20.65	16.59
1500.0	1.15	16.04	19.44	22.98	20.20	16.67
1550.0	1.15	16.06	19.42	22.68	19.74	16.70
1600.0	1.16	16.11	19.50	22.33	19.36	16.65
1650.0	1.14	16.14	19.62	21.62	18.79	16.52
1700.0	1.13	16.19	19.78	20.88	18.28	16.36
1750.0	1.05	16.23	20.00	20.16	17.79	16.03
1800.0	1.02	16.05	20.39	19.31	17.22	15.67
1850.0	1.08	16.15	20.78	18.61	16.78	15.24
1900.0	0.98	16.37	21.30	17.91	16.29	14.69
1950.0	0.92	16.07	21.96	17.28	15.88	14.16
2000.0	0.91	16.01	22.68	16.81	15.57	13.54

REV. X1
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