

Directional Coupler

ZFDC-20-4+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
1.0	0.49	19.58	43.20	23.54	24.84	24.95
2.0	0.41	19.50	43.50	25.63	27.51	28.01
3.0	0.38	19.46	44.14	26.59	28.84	29.48
4.0	0.36	19.45	44.55	27.14	29.64	30.33
5.0	0.34	19.44	45.40	27.48	30.16	30.85
6.0	0.34	19.43	45.14	27.72	30.53	31.21
7.0	0.34	19.43	45.60	27.91	30.81	31.50
8.0	0.33	19.42	46.18	28.02	31.01	31.67
9.0	0.33	19.42	46.16	28.13	31.18	31.81
10.0	0.33	19.42	46.68	28.20	31.30	31.91
20.0	0.31	19.40	49.12	28.50	31.79	32.18
58.0	0.31	19.41	44.46	28.61	31.93	32.00
96.0	0.31	19.42	41.47	28.71	31.90	31.89
134.0	0.32	19.43	38.83	28.84	31.77	31.73
172.0	0.33	19.44	36.74	29.08	31.69	31.59
210.0	0.33	19.45	35.18	29.35	31.61	31.45
248.0	0.35	19.47	34.00	29.63	31.49	31.18
286.0	0.35	19.48	32.93	29.94	31.40	30.86
324.0	0.36	19.50	31.94	30.35	31.20	30.61
362.0	0.38	19.51	31.32	30.82	31.06	30.31
400.0	0.39	19.53	30.59	31.33	30.85	29.96
420.0	0.41	19.55	30.27	31.67	30.80	29.73
440.0	0.42	19.56	30.07	32.04	30.75	29.53
460.0	0.42	19.55	29.70	32.38	30.67	29.30
480.0	0.43	19.56	29.56	32.70	30.57	29.09
500.0	0.44	19.59	29.29	33.08	30.45	28.88
520.0	0.46	19.60	29.14	33.53	30.43	28.67
540.0	0.47	19.60	28.91	33.87	30.32	28.43
560.0	0.48	19.61	28.74	34.22	30.21	28.19
580.0	0.49	19.63	28.56	34.58	30.12	27.97
600.0	0.51	19.65	28.46	34.99	30.08	27.69
640.0	0.53	19.66	28.26	35.77	29.99	27.20
680.0	0.56	19.70	28.08	36.34	29.85	26.72
720.0	0.59	19.72	28.01	36.71	29.73	26.21
760.0	0.62	19.73	27.94	36.56	29.52	25.74
800.0	0.66	19.77	27.98	35.85	29.27	25.30
840.0	0.68	19.77	28.03	35.04	29.07	24.87
880.0	0.72	19.83	28.13	33.94	28.74	24.46
920.0	0.76	19.81	28.32	32.82	28.49	24.09
960.0	0.79	19.83	28.37	31.67	28.15	23.69
1000.0	0.84	19.87	28.35	30.50	27.81	23.33

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