

# Directional Coupler

# JDC-20-1W

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
50.0	0.33	19.77	21.32	30.32	32.06	25.34
75.0	0.32	19.81	21.38	32.03	34.43	26.89
100.0	0.32	19.84	21.49	33.24	36.18	27.94
125.0	0.33	19.86	21.64	34.18	37.69	28.69
150.0	0.33	19.87	21.83	34.90	38.90	29.25
175.0	0.33	19.85	22.09	35.49	39.93	29.69
200.0	0.35	19.90	22.26	35.91	40.65	29.99
225.0	0.34	19.88	22.51	36.21	41.17	30.23
250.0	0.35	19.87	22.89	36.40	41.45	30.37
275.0	0.34	19.85	23.14	36.47	41.31	30.47
300.0	0.39	19.90	23.55	36.40	40.92	30.47
315.0	0.37	19.86	23.78	36.27	40.65	30.46
330.0	0.35	19.87	24.06	36.11	40.25	30.40
345.0	0.40	19.86	24.34	35.87	39.84	30.31
360.0	0.36	19.82	24.62	35.62	39.43	30.21
375.0	0.38	19.86	24.97	35.27	38.90	30.06
385.0	0.40	19.87	25.12	35.07	38.62	29.96
395.0	0.42	19.86	25.43	34.85	38.24	29.85
405.0	0.41	19.84	25.62	34.62	37.93	29.73
415.0	0.39	19.82	25.96	34.33	37.60	29.60
425.0	0.39	19.82	26.08	34.09	37.30	29.46
435.0	0.42	19.82	26.45	33.87	37.00	29.35
445.0	0.42	19.80	26.67	33.60	36.67	29.21
455.0	0.40	19.80	26.81	33.33	36.35	29.04
465.0	0.42	19.83	27.19	33.04	36.04	28.88
475.0	0.45	19.83	27.41	32.72	35.71	28.71
480.0	0.46	19.83	27.52	32.62	35.61	28.65
485.0	0.44	19.81	27.64	32.50	35.48	28.58
490.0	0.43	19.80	27.81	32.32	35.27	28.49
495.0	0.43	19.79	27.87	32.18	35.12	28.38
500.0	0.42	19.78	28.26	32.05	35.01	28.32
525.0	0.44	19.76	28.59	31.36	34.22	27.88
550.0	0.46	19.75	29.20	30.62	33.43	27.43
575.0	0.47	19.75	29.44	29.88	32.71	27.00
600.0	0.50	19.74	29.42	29.21	32.02	26.56
625.0	0.48	19.71	29.20	28.49	31.25	26.10
650.0	0.50	19.68	28.53	27.83	30.53	25.66
675.0	0.53	19.69	27.74	27.16	29.84	25.24
700.0	0.55	19.69	26.97	26.49	29.15	24.84
725.0	0.52	19.63	25.99	25.87	28.50	24.44
750.0	0.55	19.59	25.15	25.26	27.85	24.06

REV. X1  
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