

Directional Coupler

PDC-15-21+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
1.0	0.84	14.92	51.87	21.50	19.50	18.97
2.0	0.71	14.76	51.68	25.02	21.90	21.20
3.0	0.65	14.70	51.93	27.29	23.15	22.50
4.0	0.63	14.66	52.07	28.83	23.85	23.29
5.0	0.62	14.65	52.53	29.88	24.24	23.75
6.0	0.61	14.64	52.87	30.61	24.49	24.05
7.0	0.61	14.63	53.35	31.15	24.64	24.25
8.0	0.61	14.63	53.36	31.55	24.76	24.40
9.0	0.62	14.63	53.94	31.83	24.82	24.50
10.0	0.62	14.63	53.54	32.06	24.87	24.58
29.0	0.65	14.66	62.95	32.00	24.70	24.45
48.0	0.68	14.67	68.92	31.17	24.39	24.14
67.0	0.68	14.68	55.63	30.49	24.19	23.92
86.0	0.69	14.68	51.17	29.89	24.06	23.78
105.0	0.73	14.73	47.75	29.25	23.92	23.64
124.0	0.72	14.72	45.07	28.55	23.69	23.45
143.0	0.72	14.72	44.02	28.00	23.48	23.25
162.0	0.74	14.73	42.57	27.63	23.40	23.08
181.0	0.76	14.78	41.05	27.20	23.31	22.91
200.0	0.73	14.75	39.98	26.65	23.09	22.69
210.0	0.72	14.73	39.31	26.37	22.93	22.54
218.0	0.74	14.74	38.99	26.21	22.83	22.42
226.0	0.75	14.74	38.55	26.09	22.77	22.31
234.0	0.76	14.74	38.06	26.00	22.74	22.22
242.0	0.77	14.79	37.67	25.91	22.72	22.11
250.0	0.78	14.82	37.30	25.80	22.70	22.01
260.0	0.78	14.81	36.81	25.64	22.64	21.88
270.0	0.76	14.78	36.25	25.44	22.55	21.72
280.0	0.74	14.77	35.76	25.23	22.41	21.56
290.0	0.76	14.76	35.46	25.07	22.29	21.37
300.0	0.77	14.74	34.91	24.93	22.18	21.18
320.0	0.79	14.83	34.10	24.83	22.09	20.83
340.0	0.77	14.80	33.34	24.69	22.05	20.49
360.0	0.78	14.78	32.57	24.47	21.91	20.11
380.0	0.78	14.80	31.74	24.37	21.74	19.70
400.0	0.80	14.86	30.98	24.45	21.75	19.34
420.0	0.78	14.81	30.29	24.45	21.78	19.00
440.0	0.79	14.78	29.67	24.30	21.67	18.63
460.0	0.83	14.90	28.97	24.28	21.52	18.19
480.0	0.81	14.87	28.36	24.50	21.56	17.79
500.0	0.80	14.82	27.78	24.72	21.71	17.45

REV. X1
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