

Directional Coupler

PDC-10-1+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT	CPL
0.5	0.80	11.64	42.32	24.01	18.42	19.01
0.6	0.80	11.65	42.40	24.74	18.63	19.27
0.7	0.79	11.64	42.27	25.32	18.81	19.48
0.8	0.78	11.62	42.28	25.82	18.97	19.68
0.9	0.76	11.62	42.36	26.26	19.13	19.85
1.0	0.75	11.60	42.26	26.70	19.28	20.02
1.8	0.67	11.52	42.45	29.55	20.18	21.01
2.6	0.63	11.50	42.33	31.63	20.67	21.53
3.4	0.62	11.48	42.46	33.23	20.95	21.81
4.2	0.61	11.47	42.42	34.48	21.12	21.99
5.0	0.60	11.47	42.55	35.40	21.22	22.09
8.0	0.60	11.47	42.68	37.59	21.43	22.27
11.0	0.59	11.46	42.63	38.68	21.51	22.33
14.0	0.59	11.47	42.94	39.11	21.54	22.35
17.0	0.59	11.47	43.01	39.21	21.54	22.34
20.0	0.59	11.48	43.32	39.16	21.55	22.33
43.0	0.60	11.51	43.97	36.45	21.47	22.23
66.0	0.64	11.51	46.14	33.68	21.39	22.19
89.0	0.65	11.51	48.86	31.48	21.30	22.20
112.0	0.67	11.52	52.11	29.68	21.19	22.23
135.0	0.69	11.55	48.58	28.20	21.06	22.25
158.0	0.69	11.52	43.84	26.94	20.89	22.26
181.0	0.69	11.51	40.13	25.85	20.74	22.29
204.0	0.76	11.53	37.22	24.91	20.55	22.31
227.0	0.77	11.53	34.76	24.08	20.37	22.34
250.0	0.74	11.49	32.46	23.32	20.17	22.34
260.0	0.72	11.48	31.65	23.01	20.10	22.34
270.0	0.73	11.49	30.78	22.72	20.01	22.34
280.0	0.79	11.52	29.98	22.44	19.91	22.32
290.0	0.86	11.55	29.29	22.16	19.82	22.31
300.0	0.88	11.52	28.58	21.90	19.73	22.29
320.0	0.84	11.49	27.26	21.41	19.56	22.25
340.0	0.80	11.48	26.05	20.95	19.38	22.17
360.0	0.82	11.48	24.86	20.54	19.21	22.06
380.0	0.95	11.51	23.74	20.13	19.03	21.91
400.0	0.95	11.46	22.73	19.76	18.85	21.74
420.0	0.90	11.47	21.73	19.41	18.68	21.52
440.0	0.90	11.45	20.80	19.09	18.51	21.26
460.0	1.01	11.48	19.88	18.79	18.36	20.97
480.0	1.04	11.43	19.03	18.51	18.20	20.65
500.0	0.99	11.43	18.20	18.24	18.05	20.30

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