

Directional Coupler

PDC20-400HP+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN (dB)	OUT (dB)	CPL
40.0	0.08	21.91	27.54	25.40	25.17	25.48
46.0	0.09	21.90	29.47	26.78	26.79	26.83
52.0	0.10	21.87	31.31	28.01	28.36	28.01
58.0	0.11	21.85	33.62	29.12	29.92	29.06
64.0	0.12	21.84	35.86	30.09	31.45	29.93
70.0	0.12	21.82	38.66	30.99	32.99	30.69
76.0	0.13	21.81	40.31	31.74	34.42	31.25
82.0	0.14	21.81	42.15	32.38	35.79	31.71
88.0	0.14	21.81	45.58	32.95	37.18	32.12
94.0	0.15	21.82	45.85	33.46	38.45	32.44
100.0	0.16	21.83	47.58	33.93	39.64	32.77
110.0	0.18	21.83	46.76	34.61	41.15	33.15
120.0	0.18	21.84	45.56	35.19	42.43	33.49
130.0	0.19	21.85	44.13	35.73	42.77	33.85
140.0	0.18	21.85	42.60	36.21	42.16	34.15
150.0	0.19	21.86	40.93	36.68	41.37	34.43
160.0	0.19	21.84	40.49	36.89	40.19	34.73
170.0	0.19	21.85	39.80	37.16	39.00	35.00
180.0	0.19	21.84	39.03	37.26	37.89	35.30
190.0	0.21	21.85	38.75	37.20	36.90	35.50
200.0	0.23	21.85	37.77	37.14	36.00	35.79
210.0	0.24	21.83	37.31	36.89	35.12	35.99
220.0	0.23	21.82	36.78	36.55	34.39	36.25
230.0	0.23	21.82	35.79	36.12	33.68	36.54
240.0	0.23	21.83	35.84	35.67	33.01	36.79
250.0	0.25	21.83	34.98	35.23	32.37	37.05
260.0	0.25	21.81	34.65	34.69	31.80	37.34
270.0	0.25	21.79	34.33	34.13	31.31	37.60
280.0	0.26	21.80	33.98	33.58	30.77	37.94
290.0	0.29	21.81	33.65	32.97	30.30	38.22
300.0	0.31	21.78	33.19	32.44	29.85	38.59
310.0	0.30	21.73	33.12	31.93	29.39	39.03
320.0	0.27	21.72	32.58	31.41	28.96	39.46
330.0	0.28	21.74	32.12	30.87	28.56	39.91
340.0	0.31	21.76	31.53	30.34	28.16	40.42
350.0	0.32	21.74	31.24	29.85	27.80	40.85
360.0	0.32	21.72	30.76	29.36	27.46	41.34
370.0	0.32	21.71	30.59	28.88	27.10	41.99
380.0	0.35	21.70	30.25	28.43	26.76	42.71
390.0	0.38	21.67	29.86	27.97	26.45	43.22
400.0	0.37	21.62	29.41	27.52	26.13	43.97

REV. X1
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