

Directional Couplers Dual Band & Dual Band +

Our MPC series dualband directional couplers were designed specifically to cover both the cellular and PCS bands simultaneously, without sacrificing performance. These models cover not only the cellular and PCS bands, but all frequencies in between.

These couplers are offered with standard coupling values of 3 through 40 dB, and are available in any custom value up to 60 dB. Standard connectors are N, SMA, and 7/16 DIN.

SPECIFICATIONS

MODELS	Frequency (GHz)	Impedance (Ohms)	Coupling (dB)	Accuracy (dB)	Flatness (dB)	Input Power (Watts)	VSWR (mainline)	Directivity (dB typical)
MPC3	0.8 - 2.0	50	3.0	-0.5	-1.0	200	1.2:1	20
MPC6	0.8 - 2.0	50	6.0	-0.5	-1.0	500	1.2:1	20
MPC7.5	0.8 - 2.0	50	7.5	-0.5	-1.0	500	1.2:1	20
MPC10	0.8 - 2.0	50	10.0	-0.5	-1.0	500	1.2:1	20
MPC20	0.8 - 2.0	50	20.0	-0.5	-1.0	1000	1.2:1	20
MPC30	0.8 - 2.0	50	30.0	-0.6	-1.0	1000	1.2:1	20
MPC40	0.8 - 2.0	50	40.0	-1.0	-1.0	1000	1.2:1	20

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MODELS	Frequency (GHz)	Impedance (Ohms)	Coupling (dB)	Accuracy (dB)	Flatness (dB)	Input Power (Watts)	VSWR (mainline)	Directivity (dB typical)
2MPC3	0.8 - 2.4	50	3.0	-0.5	-1.0	200	1.2:1	20
2MPC6	0.8 - 2.4	50	6.0	-0.5	-1.0	200	1.2:1	20
2MPC7.5	0.8 - 2.4	50	7.5	-0.5	-1.0	200	1.2:1	20
2MPC10	0.8 - 2.4	50	10.0	-0.5	-1.0	200	1.2:1	20
2MPC20	0.8 - 2.4	50	20.0	-0.5	-1.0	200	1.2:1	20
2MPC30	0.8 - 2.4	50	30.0	-0.6	-1.0	200	1.2:1	20
2MPC40	0.8 - 2.4	50	40.0	-1.0	-1.0	200	1.2:1	20



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3MPC3	0.8 - 3.0	50	3.0	-0.5	-1.0	200	1.2:1	20
3MPC6	0.8 - 3.0	50	6.0	-0.5	-1.0	200	1.2:1	20
3MPC7.5	0.8 - 3.0	50	7.5	-0.5	-1.0	200	1.2:1	20
3MPC10	0.8 - 3.0	50	10.0	-0.5	-1.0	200	1.2:1	20
3MPC20	0.8 - 3.0	50	20.0	-0.5	-1.0	200	1.2:1	20
3MPC30	0.8 - 3.0	50	30.0	-0.6	-1.0	200	1.2:1	20
3MPC40	0.8 - 3.0	50	40.0	-1.0	-1.0	200	1.2:1	20