

Directional Couplers PCS Band



Our *MDP* directional couplers series provides exceptional performance for PCS applications. This line offers the ultimate in coupling versatility along with superior power handling capability. Standard connectors are N or SMA.

Standard models offer coupling values up to 70 dB. Call the factory regarding applications that require nonstandard directivity or power handling.

SPECIFICATIONS

MODELS

	MDP-6	MDP-7.5	MDP-10	MDP-20	MDP-30	MDP-40	MDP-50
Frequency (GHz)*	1.8-2.0	1.8-2.0	1.8-2.0	1.8-2.0	1.8-2.0	1.8-2.0	1.8-2.0
Impedance (Ohms)	50	50	50	50	50	50	50
Coupling (dB)	6.0	7.5	10.0	20.0	30.0	40.0	50.0
Accuracy (dB)	-0.5	-0.5	-1.0	-1.0	-1.0	-1.0	-1.0
Flatness (dB) typical	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Input power (Watts)	500**	500**	500	1,000	1,000	1,000	1,000
VSWR (mainline)	1.2:1	1.2:1	1.2:1	1.2:1	1.2:1	1.2:1	1.2:1
Directivity (dB-typical)	20-25	20-25	20-25	20-25	20-25	20-25	20-25

*Frequency ranges of 2.2 GHz also available.

**1000 watts input power available with external termination.

