



# DIRECTIONAL COUPLERS

## FEATURES



**1-5/8" Dual-Port Coupler, with two SMA Ports**

- Available in a wide variety of sizes
- 1, 2, 3 or 4-coupled-port models
- Type N or SMA coupled-port connectors
- For FM, UHF, and VHF ranges
- Main line from N, up to 8-3/16"
- Coupling Value - 60dB  $\pm$ 1 dB (unless specified)
- Directivity of at least 30 dB

P-Cube's directional couplers are fully customizable to your needs. We offer a wide variety of sizes, port configurations, and frequency ranges. Larger sizes can have up to four ports, and they may have either Type N or SMA connectors. Each coupler is precision tuned to your requirements (data supplied with each unit), and many specialty options are available.

Contact our factory to have P-Cube experts help you find the coupler for your specific needs.

<u>SIZE</u>	<u>Main Line</u>	<u>1 Coupled Port</u>	<u>2 Coupled Ports</u>	<u>3 Coupled Ports</u>	<u>4 Coupled Ports</u>	<u>Length Flange to Flange</u>
<b>CD050</b>	N	Type N, SMA				8.95"
<b>CD060</b>	7/16"	Type N, SMA				8.95"
<b>CD100</b>	7/8"	Type N, SMA	Type N, SMA	Type N, SMA	Type N, SMA	6.25"
<b>CD200</b>	1-5/8"	Type N, SMA	Type N, SMA	Type N, SMA	Type N, SMA	6.75"
<b>CD300</b>	3-1/8"	Type N, SMA	Type N, SMA	Type N, SMA	Type N, SMA	6.75"
<b>CD400</b>	4-1/16"	Type N, SMA	Type N, SMA	Type N, SMA	Type N, SMA	6.75"
<b>CD600</b>	6-1/8"	Type N, SMA	Type N, SMA	Type N, SMA	Type N, SMA	8.38"
<b>CD800</b>	8-3/16"	Type N, SMA	Type N, SMA	Type N, SMA	Type N, SMA	10.25"

Designate your parts number by indicating the size (CD050 through CD800), the number of coupled ports (1-4) and the type of coupled-port connectors used.

Example: A 3-1/8" coupler with two coupled ports, one Type N and one SMA, would be CD300-2-N-SMA  
In addition, we need to know the frequency or range, for tuning. [FM / LBV / HBV / UHF]