

Directional Coupler Model DC-20-400-N



Note: Figure is for illustration only

Features:

- 20dB coupling
- High Directivity/Isolation
- Low VSWR and loss
- 100 Watt Average Power
- High Reliability
- N Female Connector Standard

Kent Microwave Devices Directional Coupler DC-20-400-N is a quarter wave, air line for indoor application. The Directional Coupler is able to cover all wireless bands from 380~520 Mhz range. It couples off a 20dB signal from the main line with a minimal reflection or loss.

The wide range of frequencies allows usage of the directional coupler with multi-band antennas and leaky cable systems to support multiple radio systems. With minimum solder joints and air dielectric, it will minimize the dissipative loss and improve the reliability.

Specifications:

Models	DC-20-400-N
Number of Input Port	1
Number of Output Port	2
Frequency Band	380~520Mhz
Coupling	20dB nom.
Insertion Loss	<1.0dB
Return Loss	<-18dB
Power Handling	100 W
Impedance	50Ω nominal
Environment	0 °C to +55 °C
Connector	N Type Female
Size, approximately	40x120x18mm