

## Specifications



Coiler offers directional couplers for CDMA, GSM, DCS, PCS, UMTS, wireless LAN and multi-system installations to complement its indoor coverage solutions.

Available in 3dB and 6dB models with many different coupling power levels, Coiler couplers are easy to install, cost-effective solutions that ensure low signal loss.

Coiler directional couplers are available in 3, 5, 6, 7, 10, 15, 20 and 30dB models, and come with N-Type connectors, either male or female.

**Electrical:**

Frequency Range	824 ~ 2500MHz
Dissipative Loss	$\leq 0.25\text{dB} \sim \leq 0.35\text{dB}$
Directivity	$\geq 20\text{dB}$
Power Rating	200W
VSWR	$\leq 1.2$
Intermodulation	$\leq -140\text{dBc}$
Impedance	50 $\Omega$

**Mechanical & Environmental:**

Weight	(3dB models) 160 g
	(all others) 200 g
Dimensions	(3dB models) 95 x 28 x 16mm
	(all others) 120 x 40 x 17mm
Operating Temperature	-20°C ~ +75°C
RF Connector Type	N-Type Female or Male

DC-825 ver 2.0 (May.28.2008 - Standard) - All data subject to change without prior notice



Coiler Corporation offers an extensive portfolio of customizable indoor repeaters for RF signal enhancement. Our products allow mobile network carriers to quickly and cost-effectively address in-building coverage considerations and improve reception in IDEN, CDMA, GSM, DCS, PCS, UMTS and WIMAX networks. Some global operators such as Telefonica, Vodafone, Smartone, Peoples, AIS, Singtel, TMN and others have trusted our experience and expertise.

**Coiler Corporation**

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An ISO 9001 Certified Company