



**T**he Coiler SUN-825-3 Indoor Antenna is an omnidirectional ceiling antenna designed especially to maximize the effectiveness of Coiler RF repeaters for in-building wireless coverage.

The SUN-825-3 provides support for CDMA, GSM, DCS, PCS, UMTS, wireless LAN and multi-system installations. Lightweight, compact and easy to install, the SUN-825-3 offers 3dBi of gain and is ideal for installation in larger indoor areas.

## Specifications

### Electrical:

Frequency Range	824 ~ 960MHz 1710 ~ 2500MHz
Gain	3dBi 3.25dBi at 860MHz 3.56dBi at 918MHz 2.82dBi at 2170MHz
Impedance	50 $\Omega$
Polarization	Linear Vertical
3dB Beamwidth Vertical	90° 97.86° at 860MHz 87.98° at 918MHz 83.49° at 2170MHz
Beamwidth Horizontal	360°
VSWR	$\leq 1.35 : 1$ $\leq 1.14$ at 860MHz $\leq 1.27$ at 918MHz $\leq 1.24$ at 2170MHz
Max Power	50W

### Mechanical & Environmental:

Weight	400 g
Height	80mm
Diameter	165mm
Lightning Protection	DC-ground
Feed System	250mm jumper cable
RF Connector Type	N-Type Female

SUN-825-3 ver 2.0 (May.28.2008 - Standard) - All data subject to change without prior notice