



The Coiler A-8020 panel directional antenna is a cost effective antenna solution for indoor and outdoor coverage. The housing is protected by a thermoplastic UV-stabilized casing to provide optimal performance for long periods of time in a variety of conditions.

The A-8020 is supplied with 30cm of low loss cable as well as a connector and bracket for quick and easy installation on either a mast or a wall.

With 9dBi gain, the A-8020 is a powerful compliment to your indoor coverage system and works on GSM, DCS, PCS, DECT and UMTS systems.

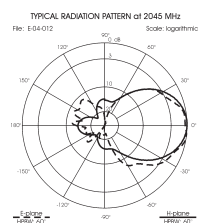
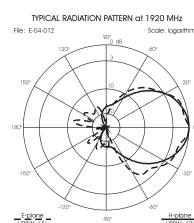
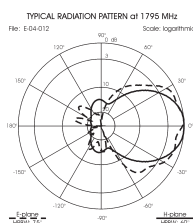
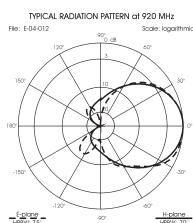
## Specifications

### Electrical:

Frequency Range	880 ~ 960MHz 1710 ~ 2170MHz
Gain	9dBi
Impedance	50 $\Omega$
Polarization	Linear Vertical
HPBW	See radiation pattern, below
Downtilt	0°
Front-to-Back Ratio	$\geq 15$ dB from 880 ~ 960MHz $\geq 15$ dB from 1710 ~ 2170MHz
VSWR in Bandwidth	$\leq 2.0 : 1$ from 880 ~ 960MHz $\leq 1.8 : 1$ from 1710 ~ 2170MHz
Max Power	50W

### Mechanical & Environmental:

Weight	400 g
Wind Load/Resistance	40N at 150km/h
Operating Temperature	-20°C ~ +80°C
Lightning Protection	DC - ground
Cable Type/Length	White low-loss / 30cm
RF Connector Type	SMA Female
Bracket Material	Galvanized steel



A-8020 ver 2.0 (May.28.2008 - Standard) - All data subject to change without prior notice