

## **Celwave Tri-Band Omni-Directional Antenna Specification**

The Celwave MicroTenna series is the ideal choice for all indoor antenna requirements. When you are planning indoor ESMR, AMPS, GSM, DCS, or PCS systems the Celwave MicroTenna series has an antenna that can make the installation quick, easy and stealth. Each MicroTenna series antenna uses a wall/ceiling mount for mounting on various surfaces. Their off-white color and smooth shaped radomes blend easily into building aesthetics. The integrated “n”

### **Advantages**

- Small size – New and improved radome shape with smooth curves that blend with indoor environments
- Integrated Ceiling/Wall Mount – Easy installation.
- Various patterns – Antenna suited for any requirement.
- Broadband services – Single ultra wide band covers SMR, cellular, DCS, PCS, ISM and MMDS frequencies.



<b>General</b>	
Model	AO8818DC00-28T0
Application	Tri-Band, broadband omni ceiling mount
Frequency Ranges (MHz)	806-2700
Pattern Characteristics	Omnidirectional
Horizontal Beamwidth in degrees at 3 dB, ½ Power Points	360
Vertical Beamwidth in degrees at 3 dB, ½ Power Points	66
Polarization	Vertical
Gain dBd (dBi)	0.0 (2.1)
Dimensions WxDxH – in (mm)	6x4x4 (153x102x102)
Weight – lbs (kg) with Mounting	1.5 (3.8)
Ceiling Mounted Grill Panel Dimensions	12-7/8 inches diameter
<b>Mechanical Data</b>	
Radome	Off-white ABS
Radiators	Solid Brass Radiator
Reflector Material	Aluminum
Mounting	Ceiling, Universal Wall & Ceiling Mount
<b>Electrical Data</b>	
VSWR	<2.1
Maximum Power Input (Watts)	50
Bandwidth – MHz for 1:5:1 VSWR	1184
Bandwidth – MHz for 2:0:1 VSWR	1894
Termination	N-Female