



1. PLUS Antenna blends easily with ceiling tiles



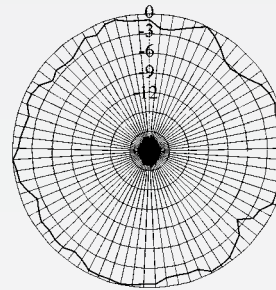
2. PLUS Reader Installed on a PLUS Antenna

# PLUS ANTENNAS

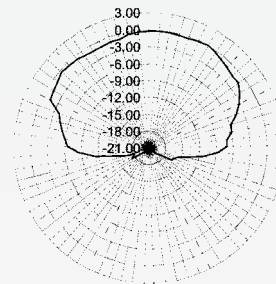
The PLUS Omnidirectional and 180° Directional Antennas are part of the PLUS Real-Time Location System (RTLS) product line and provide a 360° or 180° coverage pattern for receiving PLUS tag transmissions. The PLUS Antennas are designed to replace a standard 2' x 2' drop-in ceiling tile and blend easily into ceiling tile structure.

The PLUS Reader installs on top of a PLUS Antenna (see picture 2) and is concealed in the top of the ceiling.

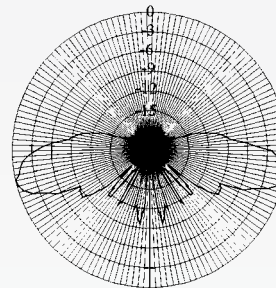
## ANTENNA RECEPTION



**Omnidirectional Antenna Azimuth Pattern**  
(unit in dB)



**180° Directional Antenna Azimuth Pattern**  
(unit in dB)



**Antenna Elevation Pattern**(unit in dB)  
(beam pattern optimized to provide tag coverage from 9-14 foot ceiling height)

## SPECIFICATIONS

### SIZE

24" H, 24" W, 3" D  
(609mm X 609mm X 76mm)

### WEIGHT

6.2 pounds (2.8 kg)

### RF CONNECTOR

SMA Female

### MOUNTING

Suspended Ceiling Systems

### IMPEDANCE

50 Ohms

### TEMPERATURE RANGE

0°C to +50°C

### SAFETY CERTIFICATION

ETL Certification (UL60950)

### OMNI ANTENNA

Part Number 1000A01

### OMNI ANTENNA (HINGE MOUNT)

Part Number 1010A01

### 180° DIRECTIONAL ANTENNA

Part Number 1018A01

## FOR MORE INFORMATION

### TIME DOMAIN®

Cummings Research Park  
330 Wynn Drive, Suite 300  
Huntsville, Alabama 35805

1.256.922.9229 phone  
1.256.922.0387 fax  
www.timedomain.com