

# TIME DOMAIN®

## PLUS Omnidirectional Antenna

The PLUS Omni Antenna is part of the PLUS Real-Time Location System (RTLS) product line and provides a 360° receive pattern for PLUS tag packets. The Omni Antenna is designed to replace a standard 2' x 2' drop-in ceiling tile and is available in hinged and non-hinged versions.

The PLUS Reader installs on top of the PLUS Omni Antenna (see picture below) and is concealed in the top of the ceiling. Once the Omni Antenna is installed, it easily blends into the ceiling tile structure.



*Omni Antenna*



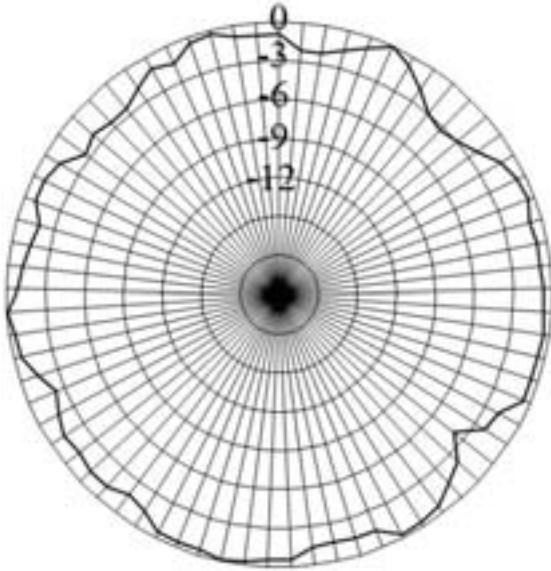
*Omni Antenna blends in easily with ceiling tiles*



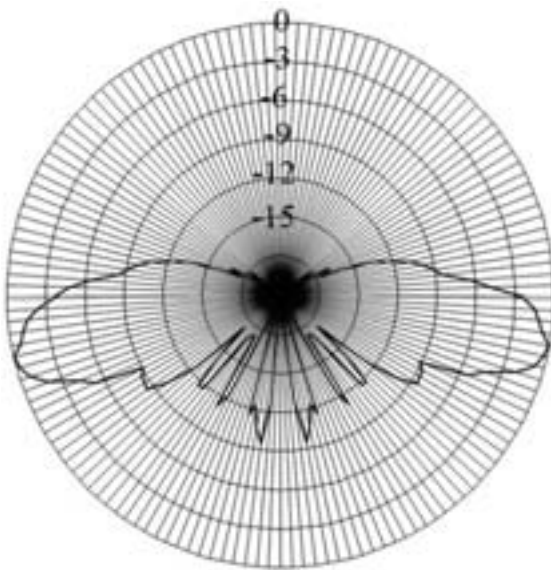
*PLUS Reader installed on the Omni Antenna*



## ANTENNA RECEPTION



Antenna Azimuth Pattern  
(units in dB)



Antenna Elevation Pattern  
(units in dB)

*(beam pattern optimized to provide  
tag coverage from 9-14 foot ceiling height)*

### SPECIFICATIONS

**Size**

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

**Weight**

6.2 pounds (2.8 kg)

**RF Connector**

SMA Female

**Mounting**

Suspended Ceiling Systems

**Impedance**

50 Ohms

**Temperature Range**

0 to +50° C

**Safety Certification**

ETL Certification (UL60950)

**Omni Antenna**

Part Number 1000A01

**Omni Antenna (Hinged Mount)**

Part Number 1010A01

### About Time Domain

Time Domain is the world leader in Ultra Wideband (UWB) product development and provides solutions that enable enterprises to maximize productivity of their people and assets using a Real-Time Location System (RTLS). Our products and professional services deliver "Precise Location for a World in Motion" to the healthcare, retail, and other vertical markets and are sold and supported through a network of certified channel partners. Time Domain's new Precision Location UWB System (PLUS) products are powered by the innovative PulsON suite of UWB technologies, which are also available for strategic OEM integration.

[www.timedomain.com](http://www.timedomain.com)

### Time Domain Corporation

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