



PLUS SMALL FORM FACTOR ANTENNAS

The PLUS Small Form Factor (SFF) Antennas are part of the PLUS Real-Time Location System (RTLS) product line and provide multiple enclosure and coverage pattern options for reception of PLUS tag transmissions. The PLUS SFF Antennas feature two enclosure types – the standard small 8" x 13" x 13" version and the low profile 3.6" x 13" x 13" version. The PLUS Reader installs inside the SFF Antennas and the total weight of the Antenna/Reader is only 3.1 pounds (1.4 kg). The standard and low profile SFF Antennas can support installation heights up to 33 feet (10 meters), and the unique High Ceiling Omni SFF Antenna supports install heights up to 50 feet (15 meters).



Low Profile SFF Antenna is less than 4 inches high



Drillable top allows flexibility in how mounting plates and brackets are attached to SFF Antenna

The PLUS SFF Antennas can be installed on poles, flat ceilings, I-beams, and walls to support a variety of coverage areas in retail locations, warehouses, and offices. The top of each SFF Antenna is 1/8" thick ABS plastic and is drillable to support attachment to industry standard mounting plates and adapters. The PLUS Reader installs inside the SFF Antennas (see pictures) and is concealed inside the enclosure.



PLUS Reader mounts inside the SFF Antenna

SPECIFICATIONS

DIMENSIONS

Standard/High Ceiling
8" H, 13" W, 13" D
203mm x 330mm x 330mm
Low Profile
3.6" H, 13" W, 13" D
91mm x 330mm x 330mm)

WEIGHT

3.1 pounds (1.4 kg)
including Reader

RF CONNECTOR

SMA Female

MOUNTING

0.13" (3 mm) drillable top
enclosure for attachment of
mounting plates/adapters

IMPEDANCE

50 Ohms

TEMPERATURE RANGE

-20° C to +45° C

PART NUMBERS

1100A01 – SFF Omni Antenna
1100AH1 – SFF Omni
Antenna High Ceiling
1180A01 – SFF 180°
Directional Antenna
110CA01 – Low Profile SFF
Omni Antenna
110CAD1 – Low Profile SFF
90° Directional Antenna

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