



RFID ANTENNA KIT: 5017280

RFID ANTENNAS FOR CHOKE-POINT TRACKING IN HOSPITALS

The RFID Antenna Kit: 5017280 is designed for tracking assets through logistic choke-points in hospitals. Two RFID Antenna Kits are needed for a two-way choke-point and three RFID Antenna Kits are needed for a three-way choke-point. The RFID antenna can be mounted flat on a ceiling using a mounting kit for suspended ceilings or it can be tilted using a mounting kit for fixed ceiling. Lyngsoe recommends to use the same orientation for all RFID antennas in a choke-point.

OPTIMIZED ANTENNA FIELD

The antenna field emitted by the RFID antenna cover doorways and corridors to capture RFID tags mounted on assets. The reading distance of the RFID antenna is up to 6-8 meters and is configurable. The RFID antenna has a circular polarity that is good for capturing RFID tags passing through the antenna field in different orientations. The RFID antenna can be mounted flat using a mounting kit for suspended ceilings or it can be tilted using a mounting kit for fixed ceiling.

FORM FACTOR MATTERS

The RFID antenna has a low profile with a white enclosure that fits into a hospital environment. The RFID antenna are suitable for mounting on hospital ceilings. The RFID antenna has a back connector for the antenna cable, so it is hidden when the RFID antenna is installed.

SYSTEM MONITORING

The RFID antenna is equipped with a special RFID test tag, which is used for system monitoring purposes. The RFID antenna test tag enables a full cycle measurement of RFID antenna connection.

BENEFITS

- Designed for choke-points in hospitals
- Ideal antenna field for capturing passing RFID tags
- Easy to install
- RFID test tag for system monitoring



SPECIFICATIONS

RFID ANTENNA KIT

Product number RFID Antenna Kit: 5017280

PRODUCT KIT CONTENT

- 1 x RFID Antenna (Laird)
- 1 x Antenna Cable (6 meters)
- 1 x Antenna RFID Test Tags

HARDWARE	600316
Frequency Range	865 - 956 MHz
Gain	8.5 dBic
3 dB Beamwidth	65"
Front to Back Ratio	20 dB
Polarization	Circular Right-hand/Circular Left-hand
Operation Temperature	-25°C to +70°C
IP Rating	IP 67
Dimensions	26 x 26 x 3.5 cm.
Weight	0.8 kg.

ACCESSORIES

- Antenna Mounting Kit for fixed ceiling 5012877
- Antenna Mounting Kit for suspended ceiling 5012878

