

The iDTRONIC UHF Door Frame Antenna is a unique, ultra-low profile linear flat panel UHF antenna. The durable A8060 easily transforms existing doorways into an RFID portal or read point. At just 8 mm in thickness and with integrated mounting holes requiring no extra frames and mounting kits for installation, the A8060 is a portal antenna solution with absolutely no compromise on spatial dimensions. Versatile and good-looking, the A8060 works as a left, right and/or top antenna. When combined with a ground antenna (e.g. the A6590C), the A8060 makes a high performance, cost effective RFID portal a reality.

Applications

- Asset and people tracking through RFID portal
- Crowd Management
- Hospital patient tracking

Features

- Dimensions: 650mm x 86mm x 8mm
- Weight: 0.5 kg
- Polarisation: Linear
- Far-field Gain: 5dBic
- Far-field 3dB beamwidth: 110° in XZ horizontal, 30° in YZ vertical
- Front to back ratio: 7dB
- Unique ultra- low profile
- Just 8mm thick
- Easily transforms existing doorways into RFID portal / read points



Order Codes

R-T7-A8060

Technical Data

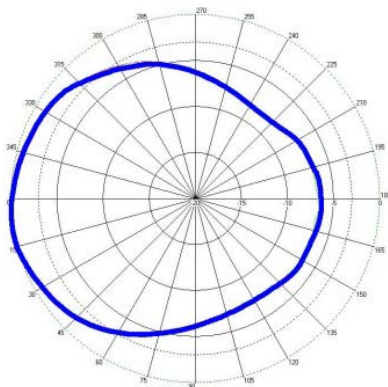
Electrical Specifications

Frequency Range:	864- 869 MHz / 902–928 MHz
Polarisation:	Linear
Far- field Gain:	5dBic
Far-field 3dB beamwidth:	110° XZ (h), 30° in YZ (v)
Typical VSWR:	< 1.8:1
Front to back ratio:	7dB
Nominal Impedance:	50 Ω
Anti-static protection:	Yes
Maximum Input Power:	6 W

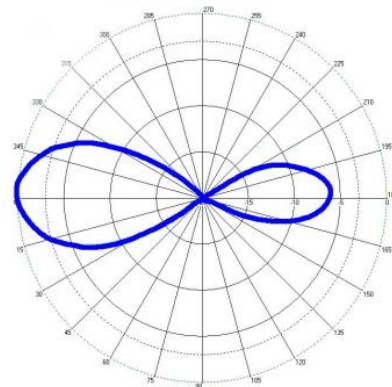
Environmental Specifications

Dimensions (LxWxD):	650mm x 86mm x 8mm
Weight:	0.5 kg
Radome Material:	Fire retardant Kydex
Environmental Rating:	IP54
Operating Temp.:	-20° to +55°C
Mounting:	Integrated mounting guides / adhesive foam strip
Connector type:	SMA female side fly lead (300 mm)
Cable:	2m SMA to RPTNC (included)

E- field elevation & Azimuth Patterns



XZ- plane



YZ- plane