



Door Frame Antenna

Applications

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

Features

- Linear polarized
- Unique ultra-low profile
- 8mm thick
- Easily transforms existing doorways into RFID portal / read points

RFID Options

- 864–869 MHz (ETSI) & 902-928 MHz (FCC)

Description

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.

Technical Data

Electrical Specifications	
Frequency Range	864–869 MHz (EU)/ 902–928 MHz (US)
Polarisation	Linear
Far-field Gain	5 dBic
Far-field 3 dB beam width	110° XZ (h), 30° in YZ (v)
VSWR	< 1.8:1
Front to back ratio	7 dB
Nominal Impedance	50 Ω
Anti-static protection	Yes
Maximum Input Power	6 W
Connector Type	SMA female side fly lead (300mm)
Cable	2m SMA to RPTNC (included)

Physical / Environmental Specifications	
Dimensions	650mm x 86mm x 8mm
Weight	500 g
Radom Material	Fire retardant Kydex
Environmental Rating	IP54
Operating / Storage Temperature	-20° to +55°C
Mounting	Integrated mounting guides / adhesive foam strip

Order Codes

Order Code
R-T7-A8060

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