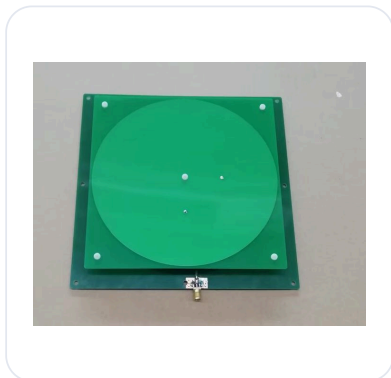




UHF RFID Directional PCB Antenna 8 dBi IDTS-RA8190 (190 × 190 mm)

Model IDTS-RA8190 · Brand: Identium



A thin 8 dBi directional UHF RFID antenna on FR4 PCB, 190 × 190 × 19 mm and 110 g, for India's 865–868 MHz band, made to sit behind panels, under shelves and at conveyor or door read points.

KEY FEATURES

- **Rated for 865–868 MHz, the UHF RFID band used in India**
- **8 dBi gain with an even 70° × 70° beam**
- Circular polarization, axial ratio ≤ 2 dB
- 190 × 190 × 19 mm and 110 g, fits behind panels
- SMA-female on a side cable, DC-ground lightning protection
- VSWR ≤ 1.3 at 50 Ω; –40 °C to +55 °C

APPLICATIONS

Conveyor read points

Warehouse shelf reading

Door access control

Industrial automation

Fixed reader installations

SPECIFICATIONS

Frequency	865–868 MHz
Gain	8 dBi
Beam width	70° horizontal, 70° vertical
Polarization	Circular
Axial ratio	≤ 2 dB
VSWR	≤ 1.3
Impedance	50 Ω
Max input power	50 W
Lightning protection	DC ground
Connector	SMA-female (side, with cable)
Dimensions	190 × 190 × 19 mm
Weight	110 g
Material	FR4 PCB reflector
Colour	Green
Operating temperature	–40 °C to +55 °C