



UHF RFID Mat Antenna ID-ANT-85CP (8.5 dBi)

Model ID-ANT-85CP · Brand: Identium



An 8.5 dBi circularly polarised UHF RFID mat (floor or carpet) antenna that reads tags as people walk or run over it, for race timing lines, entry gates and attendance points. Covers ETSI 865–868 MHz and FCC 902–928 MHz.

KEY FEATURES

- **Floor mat format: tags are read as people cross the mat**
- **8.5 dBi gain with a 65° beam width**
- ETSI 865–868 MHz (India, EU) and FCC 902–928 MHz bands
- Circular polarisation for bib and badge tags in varying orientations
- SMA or TNC connector, specified at order
- 50 Ω impedance, VSWR ≤ 1.5

APPLICATIONS

Marathon finish lines

Race split points

Entry and exit gates

Staff attendance points

People counting

Security checkpoints

SPECIFICATIONS

Antenna type	Near-field mat / carpet / floor antenna
Frequency	865–868 MHz (ETSI) / 902–928 MHz (FCC)
Gain	8.5 dBi
Beam width	65°
Polarisation	Circular
Impedance	50 Ω
VSWR	≤ 1.5
Connector	SMA or TNC (specify when ordering)