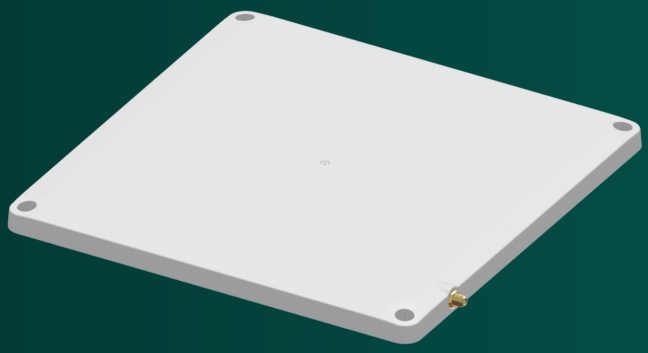
IDCRAFT
RFID & NFC EXPERTS

UHF RFID | RAIN - Far-Field Panel Antenna
Times-7 - A5010



- 8.5 dBiC typ. gain, 68° beam in both planes
- Right-hand circular polarisation, AR 1 dB
- IP67 housing, 0 to +65 °C operation
- Ultra-slim 14 mm profile, 250 x 250 mm
- Flush or 100 x 100 mm VESA stud mounting

UHF RFID | RAIN - Far-Field Panel Antenna
Compact 8.5 dBiC typ. circular antenna, IP67, only 14 mm slim

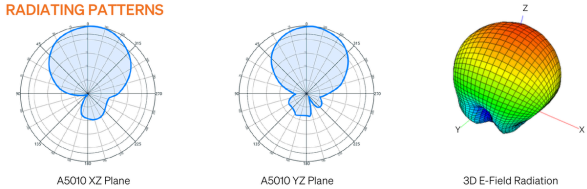
The Times-7 A5010 is a compact, high-gain far-field RAIN RFID antenna from the Times-7 flagship range. A right-hand circularly polarised element delivers 8.5 dBiC typical gain with a symmetrical 68° 3 dB beamwidth in both planes, packed into a 250 x 250 mm housing that is only 14 mm deep.

Typical VSWR is 1.3, the axial ratio 1 dB and the front-to-back ratio 20 dB. The antenna covers 865–868 MHz (ETSI) or 902-928 MHz (FCC) and works with any UHF RFID reader with a 50 Ω antenna port; the SMA jack exits on the side, and a 50 Ω detection resistance lets readers identify a connected antenna.

A flame-retardant, UV-resistant ABS radome on an integrated aluminium backplate is rated IP67 for indoor and outdoor applications within the 0 to +65 °C operating range. Two mounting variants are available: flush mount through the corner holes or with industrial tape, or stud mount with M4 studs on a standard 100 x 100 mm VESA pattern. An optional connector protection backplate shields the SMA connector on brackets and in free space.

Common Applications

- Shelving And Cabinets
- Dock Doors And Portals
- Conveyor Systems
- Medical Fridges
- Retail Back Areas
- Warehousing



IDCRAFT
RFID & NFC EXPERTS

Times-7 - A5010

UHF RFID | RAIN - Far-Field Panel Antenna

TECHNICAL SPECIFICATIONS

Electrical

Frequency Range	865–868 MHz (ETSI) 902–928 MHz (FCC)
Polarisation	Right-hand circular
Far-Field Gain	8.5 dBiC typical
3 dB Beamwidth	68° in both planes
VSWR	1.3 typical
Axial Ratio	1 dB typical
Front-to-Back Ratio	20 dB
Impedance	50 Ω
ESD Protection	Yes, DC grounded
Antenna Detection	50 Ω resistance
Max. Input Power	3 W

Ordering Information

Flush, ETSI	60002
Flush, FCC	60001
Stud, ETSI	60004
Stud, FCC	60003
Connector Protection Backplate	72400

Mechanical

Dimensions (Flush)	250 x 250 x 14 mm
Dimensions (Stud)	250 x 250 x 30 mm
Weight	0.575 kg net
Radome	Flame-retardant, UV-resistant ABS
Backplate	Aluminium
Connector	SMA jack, side exit
Mounting	Flush or stud, 100 x 100 mm VESA
Fasteners	Included

Environmental

Protection Class	IP67
Operating Temperature	0 to +65 °C
Storage Temperature	0 to +65 °C
Compliance	RoHS, REACH