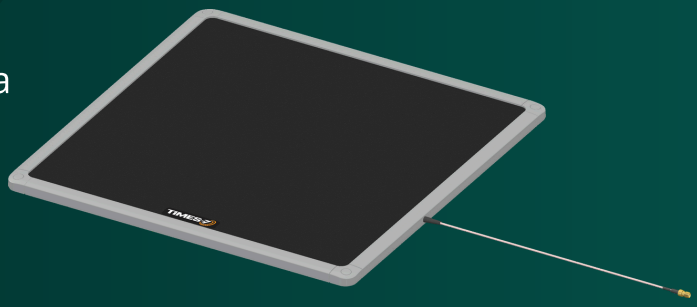
IDCRAFT
RFID & NFC EXPERTS

UHF RFID | RAIN - Far-Field Panel Antenna
Times-7 - A6034S



- 9 dBiC typ. gain, 50° beam in both planes
- Right-hand circular, AR below 2 dB
- Read range up to 9 m
- Ultra-low profile, 393 x 393 x 12.2 mm
- IP65 for indoor and outdoor use

UHF RFID | RAIN - Far-Field Panel Antenna
9 dBiC circular antenna, 50° beam, 12.2 mm deep, up to 9 m

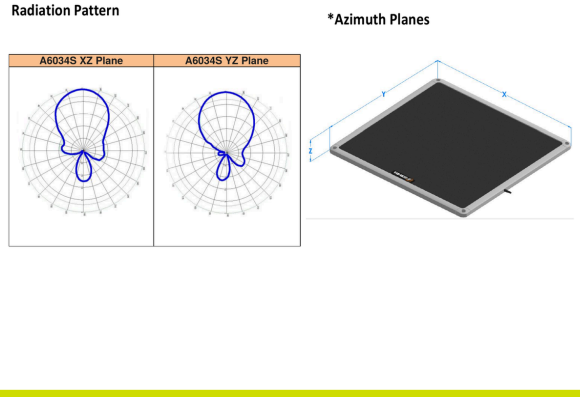
The Times-7 A6034S is a high-gain, circularly polarised far-field RAIN RFID antenna with an ultra-low profile. A right-hand circularly polarised element delivers 9 dBiC typical gain with a narrow, even 50° 3 dB beamwidth in both planes, giving an accurate read zone and a read range of up to 9 m. The square housing measures 393 x 393 mm, is only 12.2 mm deep and weighs 1.452 kg net.

Typical VSWR is 1.4, the axial ratio stays below 2 dB at boresight and the front-to-back ratio is 13 dB. Versions cover 865–868 MHz (ETSI) or 902-928 MHz (FCC) and work with any UHF RFID reader with a 50 Ω antenna port at up to 3 W input power. The element is DC grounded for ESD protection, and a 10 kΩ detection resistance lets readers identify a connected antenna.

The fire-retardant ABS radome is rated IP65, suitable for indoor and outdoor installations including demanding industrial environments, with operation from -20 to +55 °C. The SMA female connector is on a 300 mm side fly lead. Integrated mounting holes allow direct fixing; the optional mounting bracket adds VESA bracket support. Matching SMA to RP-TNC cables in 2, 4, 6 and 8 m are listed under Cable Accessories.

Common Applications

- Customer-Facing Areas
- Long, Defined Read Zones
- Industrial Production
- Asset Management
- Manufacturing Error Control
- Outdoor Installations



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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	9 dBiC typical
3 dB Beamwidth	50° in both planes
VSWR	1.4 typical
Axial Ratio	Below 2 dB at boresight
Front-to-Back Ratio	13 dB
Impedance	50 Ω
ESD Protection	Yes, DC grounded
Antenna Detection	10 kΩ resistance
Max. Input Power	3 W

Ordering Information

A6034S, ETSI	71002
A6034S, FCC	71003
Mounting Bracket	71633

Mechanical

Dimensions	393 x 393 x 12.2 mm
Weight	1.452 kg net
Radome	Fire-retardant ABS
Connector	SMA female, 300 mm side fly lead
Mounting	Integrated holes; VESA via mounting bracket
Read Range	Up to 9 m

Environmental

Protection Class	IP65
Origin	Built in New Zealand
Operating Temperature	-20 to +55 °C
Storage Temperature	-30 to +65 °C
Compliance	RoHS, CE

Cable Accessories (SMA to RP-TNC)

2 m, T7 195 / 240 / 400	71436 / 71782 / 72042
4 m, T7 240 / 400	71784 / 72043
6 m, T7 240 / 400	71904 / 72044
8 m, T7 240 / 400	71788 / 72045