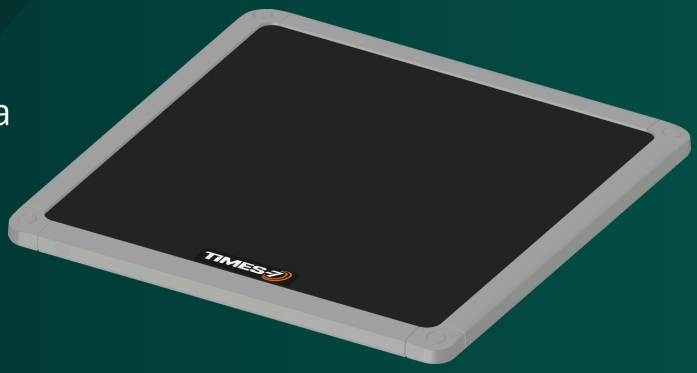
IDCRAFT
RFID & NFC EXPERTS

UHF RFID | RAIN - Far-Field Panel Antenna
Times-7 - A4030C



- 6.5 dBiC typ. gain, 60° beam in both planes
- Right-hand circular polarisation, AR 2 dB
- Read range up to 6 m
- SlimLine profile, 280 x 280 x 12.2 mm
- Rear SMA connector, flush or VESA mount

UHF RFID | RAIN - Far-Field Panel Antenna
SlimLine 6.5 dBiC typ. circular antenna, 12.2 mm, up to 6 m

The Times-7 A4030C is a circularly polarised far-field RAIN RFID antenna from the Times-7 SlimLine range. A right-hand circularly polarised element delivers 6.5 dBiC typical gain with a 60° 3 dB beamwidth in both planes and a read range of up to 6 m. The square housing measures 280 x 280 mm and is only 12.2 mm deep, with a net weight of 0.74 kg.

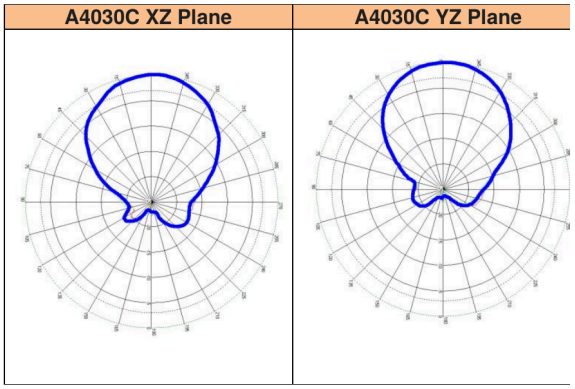
Typical VSWR is 1.4, the axial ratio 2 dB and the front-to-back ratio 26 dB. Versions cover 865–868 MHz (ETSI) or 902-928 MHz (FCC) and work with any UHF RFID reader with a 50 Ω antenna port at up to 3 W input power.

The fire-retardant ABS radome is rated IP65, with operation from -20 to +55 °C. The SMA female connector sits on the rear, so the cable stays hidden behind the antenna. Recessed corner holes allow fully flush mounting or attachment of 100 x 100 mm VESA brackets; the optional mounting plate (shared with the A4030L) supports bracket installation indoors and outdoors. Matching SMA to RP-TNC cables in 2, 4, 6 and 8 m are listed under Cable Accessories.

Common Applications

- Inventory Management
- Asset Tracking
- Tag Encoding
- Supply Chain Logistics
- Distribution Centres
- Retail And POS Self-Service

Radiation Pattern



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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	6.5 dBiC typical
3 dB Beamwidth	60° in both planes
VSWR	1.4 typical
Axial Ratio	2 dB typical
Front-to-Back Ratio	26 dB
Impedance	50 Ω
ESD Protection	Yes, DC grounded
Antenna Detection	10 kΩ resistance
Max. Input Power	3 W

Ordering Information

A4030C, ETSI	71269
A4030C, FCC	71270
Mounting Plate (A4030C/L)	72094

Mechanical

Dimensions	280 x 280 x 12.2 mm
Weight	0.74 kg net
Radome	Fire-retardant ABS
Connector	SMA female, rear
Mounting	Flush via corner holes or 100 x 100 mm VESA
Read Range	Up to 6 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