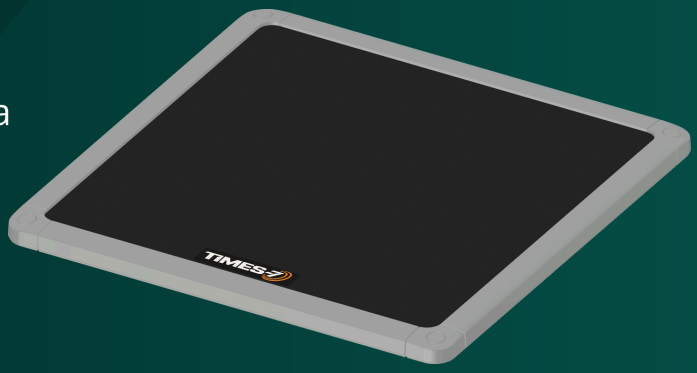
IDCRAFT
RFID & NFC EXPERTS

UHF RFID | RAIN - Far-Field Panel Antenna

Times-7 - A4030L



- 7.5 dBi gain, 62° beam in both planes
- Linear polarisation, 22 dB front-to-back
- Read range up to 9 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 7.5 dBi linear antenna, 12.2 mm deep, up to 9 m

The Times-7 A4030L is a linearly polarised far-field RAIN RFID antenna from the Times-7 SlimLine range of multi-purpose antennas. It delivers 7.5 dBi far-field gain with a 62° 3 dB beamwidth in both planes and a read range of up to 9 m. The square housing measures 280 x 280 mm and is only 12.2 mm deep, with a net weight of 0.752 kg.

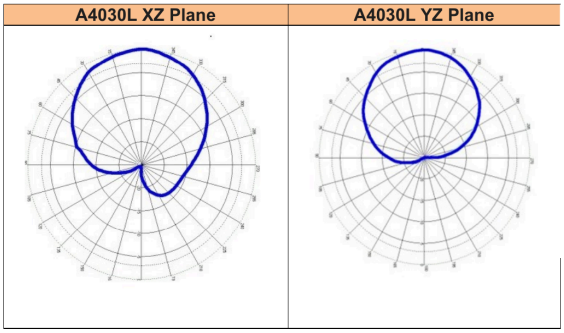
Linear polarisation concentrates energy in one plane, which gives longer range than the circular A4030C where tag orientation is known or controlled. Typical VSWR is 1.8 and the front-to-back ratio 22 dB. Versions cover 865–868 MHz (ETSI) or 902-928 MHz (FCC) and work with any UHF RFID reader with a 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 no cable is visible from the front. Recessed corner holes allow fully flush mounting or attachment of 100 x 100 mm VESA brackets; the optional mounting plate (shared with the A4030C) 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	Linear
Far-Field Gain	7.5 dBi
3 dB Beamwidth	62° in both planes
VSWR	1.8 typical
Front-to-Back Ratio	22 dB
Impedance	50 Ω
ESD Protection	Yes, DC grounded
Antenna Detection	10 kΩ resistance
Max. Input Power	3 W

Ordering Information

A4030L, ETSI	71271
A4030L, FCC	71272
Mounting Plate (A4030C/L)	72094

Mechanical

Dimensions	280 x 280 x 12.2 mm
Weight	0.752 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 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