

# LINEAR POLARISED UHF ANTENNA SlimLine - A4030L

### **ABOUT TIMES-7**

Pushing the boundaries of RFID technology worldwide Times-7 are leaders in RFID antenna design and manufacture. Our patented award winning UHF antennas meet the needs of virtually any industry application; providing customers with fast accurate tracking of products, assets & people; empowering organisations to transform processes & reduce costs.

Our SlimLine range of antennas are unique in the RFID industry; offering high levels of performance & durability in an aesthetically superior form.

Proven in a diverse & growing range of markets, applications include: retail & customer interaction, conference & people tracking, race timing, baggage handling, and logistic & supply chain asset management.



Up to 9 m / 29 ft. read range

Just 12mm / 0.5 in. thick

Versatile & compact with superb

Seamless installation using rear connector

The SlimLine A4030L

Part of the SlimLine range of multi-purpose antennas, the A4030L is a rugged high performance linear polarised UHF antenna suitable for a wide range of RFID deployments. With a read range of up to 9m / 29ft., and dimensions of only 280 mm / 11 in. square, the A4030L is an extremely versatile and compact antenna. A rear connector provides for ease of seamless installation with no visible cable.

## **Specifications**

Physical / Environmental Specifications

| : i.ye.ea. / _ iiii eiiii e e e e e e e e e e e e e |                                |
|---|--------------------------------|
| Dimensions (LxWxD):                                 | 280 mm x 280 mm x 12 mm        |
|   | 11 in. x 11 in. x 0.5 in.      |
| Weight:   | 0.75kg / 1.6 lbs.              |
| Radome Material:                                    | Fire retardant Kydex           |
| Environmental Rating:                               | IP65                           |
| Operating / Storage Temperature:                    | -20° to +55°C / -30° to +65°C  |
|   | -4° to +131°F / -22° to +149°F |
| Connector type / position:                          | SMA female / Rear connector    |
| Cable:  | 2m SMA to RPTNC (included)     |

### **Electrical Specifications**

| Frequency Range:                     | 864 – 869 MHz / 902 – 928 MHz |  |
|--------------------------------------|-------------------------------|--|
| Polarisation:                        | Linear                        |  |
| Far-field Gain:                      | 7.5dBi                        |  |
| Far-field 3dB beamwidth:             | 62° in both planes            |  |
| Typical VSWR across frequency range: | < 1.4:1                       |  |
| Front to back ratio:                 | 22dB                          |  |
| Nominal Impedance:                   | 50 Ω                          |  |
| Anti-static protection:              | Yes                           |  |
| Maximum Input Power:                 | 6 W                           |  |



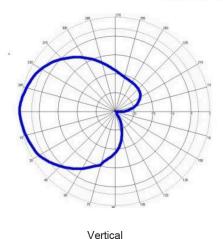


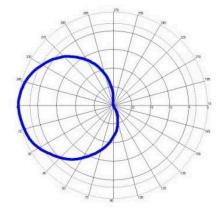
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OUR GLOBAL NETWORK

Constantly increasing market reach
and influence in the global RFID
industry, Times-7's international
support spans The Americas, Europe,
and Asia Pacific regions through our
distributor, authorized reseller and
integrated solutions provider network.

### E-field elevation & Azimuth Patterns





Horizontal

Ordering Information (please quote both product code & part no.

| Product Code           | Band             | Part No. |
|------------------------|------------------|----------|
| A4030L                 | ETSI 864-869 MHz | 71271    |
| A4030L                 | FCC 902-928 MHz  | 71272    |
| Cable 4m, SMA to RPTNC |                  | 71437    |
| Cable 8m, SMA to RPTNC |                  | 71438    |

## **Applications**

- Inventory Management
- Logistics & Supply Chain
- Healthcare (asset & people tracking)
- Retail / POS self service







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