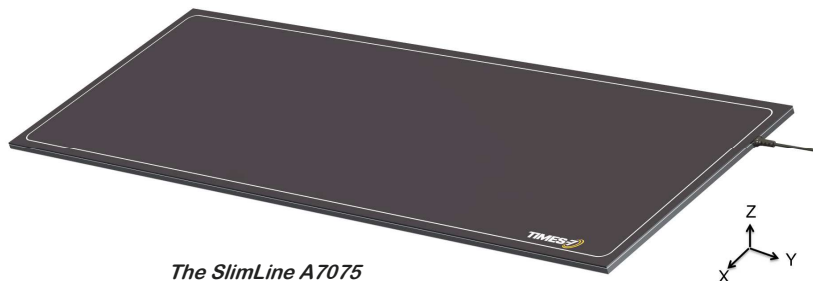


LINEAR POLARISED UHF SHELF ANTENNA

SlimLine - A7075



The SlimLine A7075

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.

Times-7 Research Ltd
69 Gracefield Road
Lower Hutt 5010
New Zealand
P: +64 4 569 1500
F: +64 4 569 1400

APAC
P: +64 4 974 6566

NORTH AMERICA
P: +1 858 225 2214

EMEA
P: +31 411 622 949

E: info@times-7.com

www.times-7.com

Part of the SlimLine range of shelving antennas, the A7075 is sought after for RFID deployments from retail product tracking to industrial / workshop tool tracking.

At just 8 mm / 0.3 in. thick, the durable, high performance A7075 is specifically designed for existing shelving systems, providing real-time asset & product identification / inventory management. Custom lengths are available.

Ultra-low profile linear polarised flat panel shelf antenna

Just 8 mm / 0.3 in. thick

Specifically designed to be installed into existing shelving systems

Specifications

Physical / Environmental Specifications

Dimensions (LxWxD):	750 mm x 250 mm x 8 mm 29.5 in. x 9.8 in. x 0.3 in.
Weight:	1.75 kg / 3.9 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 side fly lead (300 mm / 1 ft.)
Cable Included (Yes):	2m SMA to RPTNC included

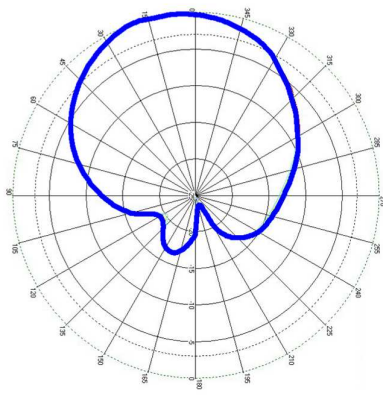
Electrical Specifications

Frequency Range:	864 – 869 MHz / 902 – 928 MHz
Polarisation:	Linear
Far-field Gain:	10dBi
Far-field 3dB beamwidth:	72° in XZ, 23° in YZ
Typical VSWR across frequency range:	< 1.4:1
Front to back ratio:	20dB
Nominal Impedance:	50 Ω
Anti-static protection:	Yes
Maximum Input Power:	6 W

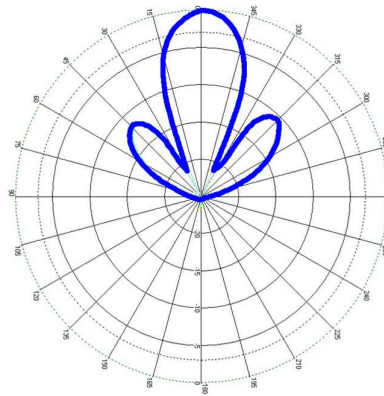
LINEAR POLARISED UHF SHELF ANTENNA

SlimLine - A7075

E-field elevation & Azimuth Patterns



XZ-plane



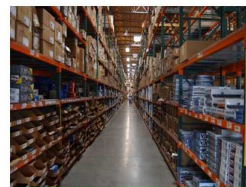
YZ-plane

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

Product Code	Band	Part No.
A7075	ETSI 864-869 MHz	71202
A7075	FCC 902-928 MHz	71205
Cable 4m, SMA to RPTNC		71437
Cable 8m, SMA to RPTNC		71438

Applications

- Any Shelving / Cabinet application
- Real time asset / product identification
- Supply Chain Management
- Workshop / Industrial Tools



The technical data contained in this publication is not a guarantee for which Times-7 Research Ltd assumes legal accountability. It is indicative of typical performance, and if required should be relied on for specific applications only after due verification.

All technical data, specifications and other information contained herein are deemed to be the proprietary intellectual property of Times-7 Research Ltd. No reproduction, copy or use thereof may be made without the express written consent of Times-7 Research Ltd.

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.

Times-7 Research Ltd
 69 Gracefield Road
 Lower Hutt 5010
 New Zealand
 P: +64 4 569 1500
 F: +64 4 569 1400

APAC
 P: +64 4 974 6566

NORTH AMERICA
 P: +1 858 225 2214

EMEA
 P: +31 411 622 949

E: info@times-7.com

www.times-7.com