

LINEAR POLARISED UHF SHELF ANTENNA

SlimLine - A7075



The SlimLine A7075

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

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.

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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:	2m SMA to RPTNC (included)

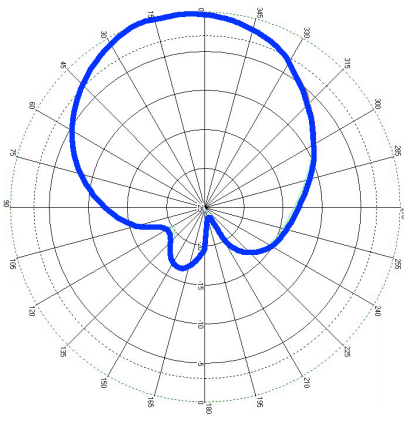
Electrical Specifications

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:	< 1.6:1
Front to back ratio:	20dB
Nominal Impedance:	50 Ω
Anti-static protection:	Yes
Maximum Input Power:	6 W

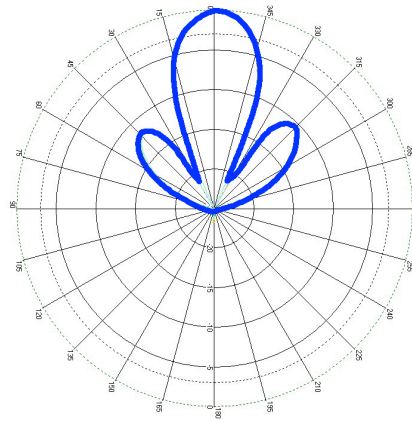
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E-field elevation & Azimuth Patterns



XZ-plane



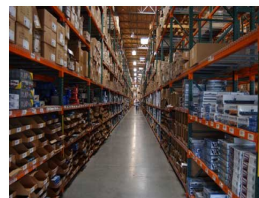
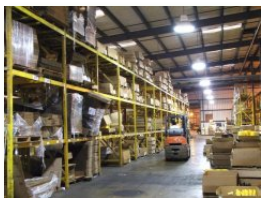
YZ-plane

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



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