LINEAR POLARIZED UHF MULTI-PURPOSE ANTENNA
SlimLine - A7040

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 organizations 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
29 Railway Avenue
Lower Hutt 5010
New Zealand

NEW ZEALAND
P: +64 4 974 6566

USA/CANADA
P: +1 858 225 2214

E: info@times-7.com

www.times-7.com

The SlimLine A7040

Ultra-low profile linear polarised flat panel antenna

Just 8 mm / 0.3 in. thick

Typical applications:
Jewelry, retail, industrial / workshop tool tracking &
any shelving / cabinet application

Part of the SlimLine range of multi-purpose antennas, the A7040 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 A7040 is specifically designed for real-time asset / product identification & inventory management. Custom lengths are available.

Specifications

Physical / Environmental Specifications

Dimensions (L x W x D):	400 mm x 250 mm x 8 mm 15.7 " x 9.8 " x 0.3 "
Weight:	1 kg / 2.2 lbs.
Radome Material:	Fire retardant ABS
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 ')
Cable:	2 m SMA to RPTNC (included)

Electrical Specifications

Frequency Range:	864-868 MHz / 902-928 MHz
Polarization:	Linear
Far-field Gain:	7.5 dBi
Far-field 3 dB beamwidth:	80° in XZ, 45° in YZ
Typical VSWR across frequency range:	< 1.6:1
Front to back ratio:	22 dB
Nominal Impedance:	50 Ω
Anti-static protection:	Yes
Maximum Input Power:	6 W

INTELLIGENT TRACKING | SMART TECHNOLOGY

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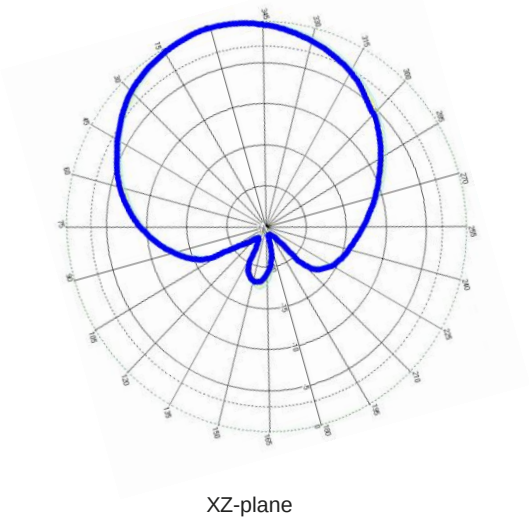
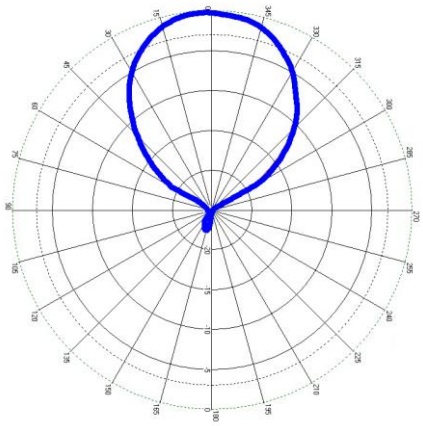
E-field elevation & Azimuth Patterns



XZ-plane



YZ-plane

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

Product Code	**Band**	**Part No.**
A7040	ETSI 864-868 MHz	71201
A7040	FCC 902-928 MHz	71204
Cable Accessories	**Cable Type**	**Part No.**
Cable 2 m, SMA to RPTNC	195 / 240	71436 / 71782
Cable 4 m, SMA to RPTNC	195 / 240	71437 / 71784
Cable 8 m, SMA to RPTNC	195 / 240	71438 / 71788

Applications

- Retail
- Jewelry
- Workshop / Industrial Tools
- Any Shelving / Cabinet application

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.

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