

NEAR FIELD / SHORT RANGE UHF ANTENNA - A1030

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.



The A1030 Near Field Antenna



Ultra-low profile Near Field antenna

World's thinnest & largest usable working area in a near field antenna

Just 6.5 mm / 0.25 in. thick

Typical applications:
Jewelry, Libraries, Retail POS,
Pharmacy & Healthcare

Part of the SlimLine range of proximity / near field antennas, and with its ultra-low profile and unique size / surface design, the A1030 is a world first for the UHF near field antenna market.

Offering the world's largest working surface in a near field antenna, and at just 6.5 mm / 0.25 in. thick, the A1030 is opening up new possibilities for item level RFID tracking where a short range read is required.

The A1030 antenna offers outstanding near field performance in an unique and optimised footprint, improving workflow and eliminating stray tag-reads.

Highly durable, with flexible and easy mounting options, and with a fire retardant Kydex radome, the A1030 is a rugged performer - and as the largest and thinnest near field antenna around - the A1030 packs a sizeable punch in the world of UHF antennas.

Specifications

Physical / Environmental Specifications

Dimensions (LxWxD):	300 mm x 300 mm x 6.5 mm 11.8 in. x 11.8 in. x 0.25 in.
Weight:	500 g / 1.1 lbs.
Radome Material:	Fire retardant Kydex
Environmental Rating:	IP53
Operating / Storage Temperature:	0° to +50°C / -30° to +60°C +32° to +122°F / -22° to +140°F
Mounting:	Integrated mounting guides
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
Far-Field Gain:	< -15dBi typical
Typical VSWR across frequency range:	< 1.8:1
Nominal Impedance:	50 Ω
Maximum Input Power:	6 W

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

Product Code	Band	Part No.
A1030	ETSI 864-869 MHz	71583
A1030	FCC 902-928 MHz	71585
Cable 4m, SMA to RPTNC		71437
Cable 8m, SMA to RPTNC		71438



Applications

- Jewelry
- Retail POS
- Libraries
- Pharmacy & Healthcare

*At just 6.5 mm / 0.25 in. thick & 300 mm / 11.8 in. square
– the A1030 is the world's largest & thinnest NF UHF antenna*



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.

TransTech Systems, Inc.
12142 NE Sky Lane
Suite 130
Aurora, OR 97002

Ph: 888-843-3643
Fax: 503-682-0166

sales@ttsys.com
www.ttsys.com