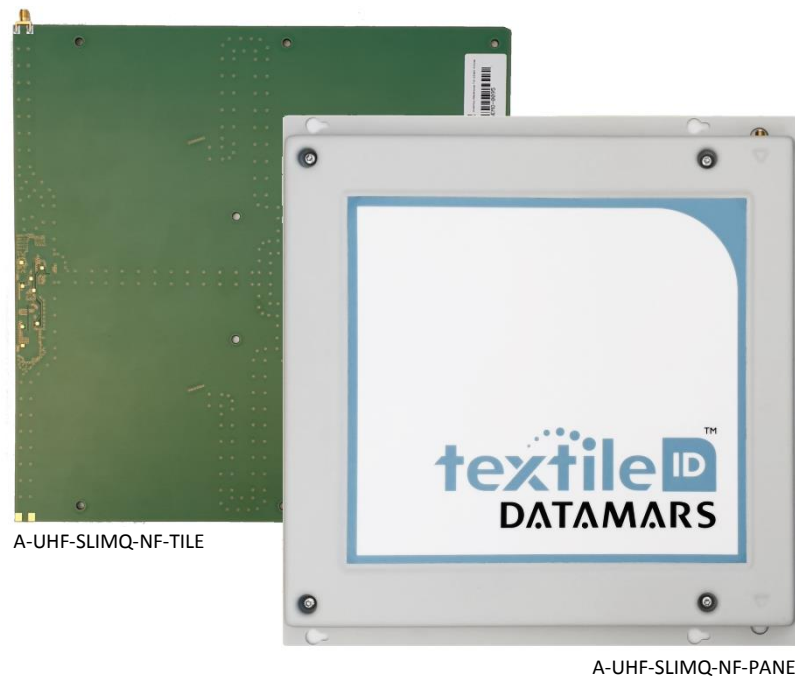


UHF SLIMQ NEAR FIELD ANTENNA

Hanging conveyors and table-top reading systems

A-UHF-SLIMQ-NF



Product info

- Well confined reading area
- Circular polarization: minimize tag miss readings
- Outstanding performance in reducing stray reads
- Quick installation and versatile use: optimized for belt / hanging conveyors and table top mount
- Suitable for customized reading systems or rapid deployment
- Large operating band, covering both ETSI and FCC ranges

Product Description

Specifically designed for reading systems where precise reading area is required, this near field antenna is well suited for UHF reading textile applications like hanging conveyors, belt conveyors, table tops or shelves mount. It is designed to provide a homogenous reading area on the front side, independently from tags orientation. In combination with the appropriate reader configuration the antenna allows to limit the reading volume and avoid stray reads.

The product is available in two versions: TILE, without casing for optimal integration in custom machines or assembled and PANEL, assembled in a plastic case with a metallic backplate for indoor use and quick mounting.

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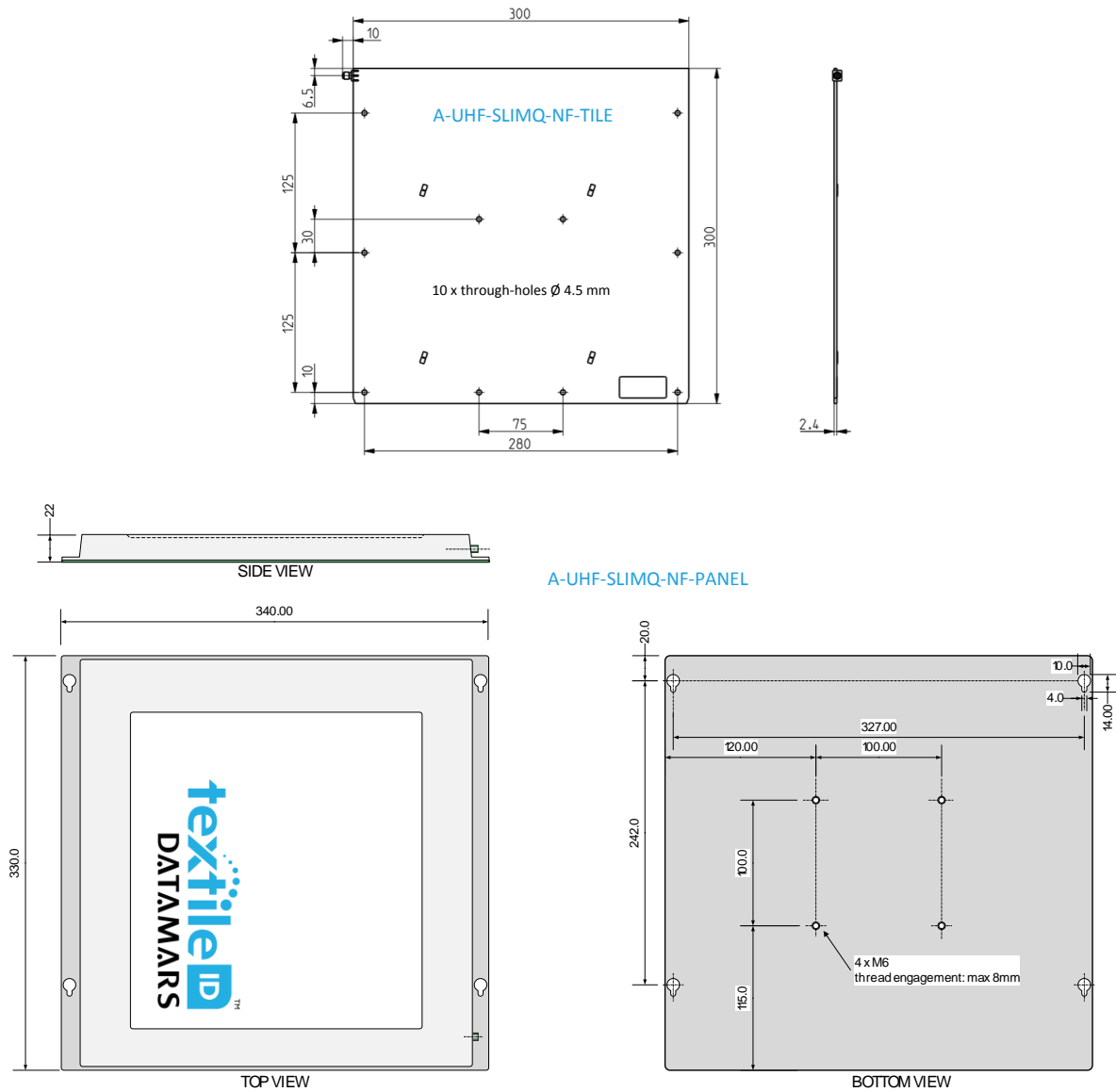
Technical data

Dimensions (L x W x H)	TILE: 300 x 310 x 8.6 mm (11.8" x 12.2" x 0.4") PANEL: 340 x 330 x 22 mm (13.4" x 13.0" x 0.9")
Weight	TILE: 0.5 kg (1.1 lbs) PANEL: 1.4 kg (3.1 lbs)
Operating temperature range	-20 °C to +55 °C (-4 °F to 122 °F)
Humidity range	5 % to 95 %, non-condensing
Protection / load capacity	TILE: none / direct load not allowed PANEL: IP20 / load capacity max 5kg
Operating frequency range	865-928 MHz
Polarization	Circular
Gain (typ.)	- 7.0 dBiC
Far field HPBW	60° / 60°
Impedance	50 Ω
Antenna connector	SMA female
Cable (included)	50 Ω coax., 3m (9.85 ft.), SMA male - RP-TNC male
Max input power	+33 dBm (ETSI EN 302 208) +30 dBm (FCC 15.247)
Warranty	1 year

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Drawings



*all dimensions are in mm

Four M6 inserts on the back allow to easily install the antenna.

Ordering information

A-UHF-SLIMQ-NF-TILE (ETSI/FCC) 800 3075-864

A-UHF-SLIMQ-NF-PANEL (ETSI/FCC) 800 3075-865