

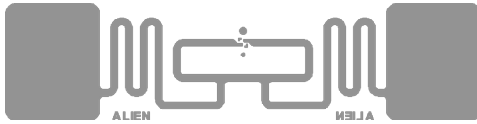


# ALN-9762

## SHORT INLAY (HIGGS™ 4)

The Alien Technology® ALN-9762 “Short” RFID inlay is a narrow, high-performance, Higgs™ 4 based member of the Squiggle® family. Brings all the Higgs™ 4 advantages to highly-effective “Short” Inlay.

### Applications



- Volume Retail/Apparel
- Enterprise Wide Asset Management
- Warehouse Management
- Tracking Challenging Materials and Objects

FEATURE	DESCRIPTION	BENEFIT
Next generation Higgs™ 4 read/write performance in the highly-efficient “Short” Squiggle family tag	One of Aliens best performing general-purpose tags boosted by Higgs™ 4 performance and features.	Highly efficient smaller form-factor tag, still robust, proven and reliable.
Optimized 448 bit memory footprint	Optimized for both high-performance and high-volume applications	Designed to drive down the cost-of-ownership while increasing efficiencies of RFID solutions in large enterprises

### Features:

- › Designed to meet EPCglobal Gen2 (V1.2.0) and ISO/IEC 18000-6C
- › Worldwide operation in the RFID UHF bands (840-960 MHz)
- › 448-Bits of NVRAM Memory
  - 128-EPC Bits
  - 128 User Bits
  - 64 Bit Unique TID
  - 32 Bit Access and 32 bit Kill Passwords
- › Pre-Programmed with a unique, unalterable 64-bit serial number
- › User Memory can be Block Perma-Locked as well as read password protected in 32 Bit Blocks
- › Low power operation for both read and program
- › Dynamic Authentication™ - anti-cloning/anti-counterfeit technology
- › Exceptional operating range, up to 11m with appropriate antenna.
- › Available in high-yield, high capacity dry/wet inlay rolls

### Product Overview:

Powered by Alien®’s volume focused **Higgs™ 4 UHF RFID IC** and **innovative Short antenna design**, the ALN-9762 delivers industry leading EPC Gen 2 read and write performance in a narrower width than it’s bigger brother, the Squiggle®.

ALN-9762 inlays are *World Tag* compliant, enabling consistent operation across the diverse frequencies of the Americas, Europe, Middle East, Asia, and Africa.

With its Higgs-4 core, the Short delivers next generation performance and a rich feature set, yet is completely **optimized for the highest volume enterprise, retail, and apparel applications.**

An optimized memory footprint includes a 32-bit TID, a **64-bit Unique TID for authentication** and **next generation serialization** applications, a **128-bit EPC memory** bank, 128-bits of user memory for distributed data applications, and **password protected read and write** support capabilities to prevent unauthorized viewing and modification of the tag’s data.

Typical applications for the Short include, but are not limited to, corrugate cases, pallet placard labels, apparel hang tags, shipping labels, asset management, file folder labels, and application on plastics.



