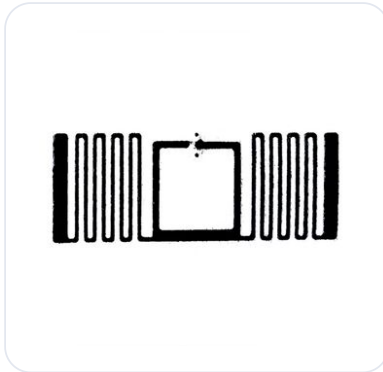




Small UHF RFID Label ID 4518-H10 (45 × 18 mm)

Model 4518-H10 · Brand: Identium



A compact 45 × 18 mm UHF RFID label with a 42 × 16 mm antenna on the Alien Higgs 10 chip, for retail goods, garment tags and small cartons. Supplied on rolls for printing and encoding.

KEY FEATURES

- 45 × 18 mm label with a 42 × 16 mm etched aluminium antenna
- Alien Higgs 10: 128-bit EPC, 96-bit TID, 32-bit user memory
- Access and kill passwords (32 bits each) to lock or retire tags
- PET base, 200,000 programming cycles, 50-year data retention
- Rolls on a 3-inch core, 55 mm liner, 21.59 mm label pitch

APPLICATIONS

Retail item tagging

Garment hang tags

Small carton labelling

Document labels

Store inventory counts

SPECIFICATIONS

Model	4518-H10
Chip	Alien Higgs 10
Protocol	ISO/IEC 18000-6C, EPC Class 1 Gen 2
Frequency	860–960 MHz (covers India 865–868 MHz)
Memory	EPC 128 bits, TID 96 bits, user 32 bits
Passwords	Access 32 bits, kill 32 bits
Operating mode	Passive
Label size	45 × 18 mm, corner radius 2 mm
Antenna size	42 × 16 mm
Base material	PET, 50 µm
Antenna	Etched aluminium 10 µm on PET 50 µm
IC life	200,000 programming cycles, 50-year data retention
ESD immunity	Up to 2,000 V
Label pitch / gap	21.59 mm / 3.59 mm
Liner width	55 mm
Core	3 inch (76.2 mm)
Roll diameter	Up to 156 mm