

U8_9510

DRY INLAY applications



garbage



logistics



far field

U8_9510 is the typical tag for logistic application with chip NXP UCODE8. It has great performance and it is suitable for situations where a far field reading performance is needed. Reading distance up to 23 m with best reading conditions. Also greatly used for garbage management applied to the trash bags.



product SPECIFICATIONS

Frequency	UHF (860-960 MHz)
Protocol	UHF EPC Class 1 Gen 2
Integrated Circuit	NXP UCODE 8
EPC size / TID size	128 bit / 96 bit
User Memory	0 bit
Operating Temperature	-40°C/85°C (-40°F/185°F)
Data Retention	50 years
Endurance	100.000 cycles
Inlay Material	PET 50µ / AL 10µ

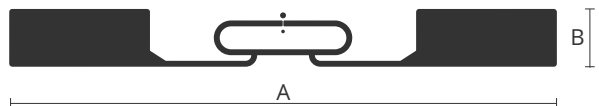
delivery CONDITIONS

Packaging	Roll
Roll outer diameter	min. 150/max. 500 mm (min. 5.9/max. 19.7 in)
Unwinding mode	Antenna outside of roll
Antenna direction	head
Orientation	horizontal

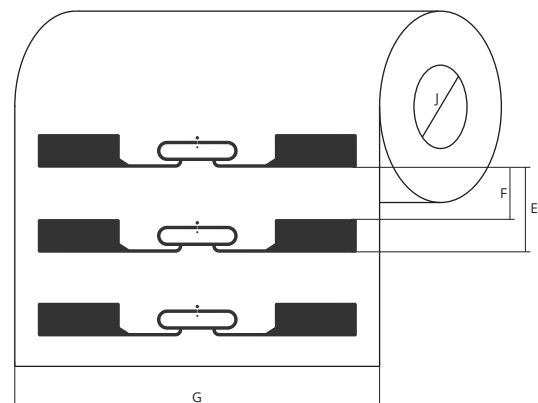
antenna DIMENSIONS

A x B	Antenna size	95 x 10 mm (3.74 x 0.39 in)
E	Pitch	18.81 mm (0.74 in)
F	Gap	4.81 mm (0.19 in)
G	Web width	105 mm (4.13 in)
J	Core size	76 mm (3.00 in)

inlay DESIGN



roll DIMENSIONS



optional SERVICES

RFID control

inlay STACKUP

