



Manufacturer of RFID tags

DATASHEET

LF Universal Tag

Tag Code: L125171

Universal Tag is ideal for asset tracking in industrial & logistics application. It is available with different Chips & memory Sizes.



Electrical Specification

Air Interface Protocol	ISO/IEC 11784/85, Read Only Mode
Operational Frequency**	125kHz (134.2kHz on request)
Chip**	EM4200
	128 bit laser programmed ROM (64 & 96 bit option available)
	Several options of data rate and data encoding
	<ul style="list-style-type: none"> ❖ Manchester 32 & 64 RF clock per bit ❖ Biphas 32 & 64 RF clock per bit ❖ PSK 16 RF clock per bit ❖ FSK2 50RF clock per bit

Physical / Mechanical Specification

Diameter	∅ 30 mm
Thickness	3.0 mm
Weight	2.0 gm
Encasement	PC/ ABS
Color**	Black
Quality Assurance	100% reader tested

Environmental Resistance

Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +80°C
Ingress protection rating	IP66
Attachment***	Adhesive
Applicable surface	Metal, Wooden, Plastic

Dimensions



Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours

Resistant to continuous exposure to motor oil for 2 hours

Additionally, abrasion resistant against HCL and IPA

Additional Services

Pre-encoding	On request
Customization***	Logo / text printing on request

* Actual Read range may vary depending upon the reader and environmental factor

** Other on request

*** Available as an option at extra cost

Order Information

L125171	With EM4200
L125131	With EM4305
L125055	With NXP HitagS 256

Omnia Technologies Pvt. Ltd.

Corporate Office
691, Udyog Vihar Phase V, Gurugram, Haryana-122016, India, +91(124) 4203899, 4101506

Manufacturing Unit
Plot No. 68, Sector- 5, IMT Manesar, Gurugram, Haryana - 122050, INDIA | +91(124) 4366174, 4366411, +91 (124) 4366410 (Fax)