

LF RFID Tag (Glass Cylindrical Tag)



Part Number :

E L I - CYG 01 - IC01					
(1)	(2)	(3)	(4)	(5)	(6)
(1) Elastic RFIDTech Co.			(4) Item : Cylindrical (Glass)		
(2) Frequency : LF			(5) Dimension NO. (as below)		
(3) Category : Tag			(6) IC Type NO. (as below)		



Description :

The LF (134.2KHz) RFID Glass Tag (Transponder) is a special design for animals like pets or wildlife. It can be put under animals' skin by a special syringe or via surgery. Also, it can be embedded in objects easy for an extreme condition because it's high resistance glass tube.

Features :

- Encapsulated in a high resistance glass tube
- Waterproof
- Small size and low weight
- Can be embedded in objects easily

Specifications :

- Frequency : 134.2KHz
- Material : Bio-Glass
- Operating Temperature : -25 °C to 85 °C
- Storage temperature : -40 °C to 125 °C
- Temperature humidity resistance : 60 °C, 95%RH, 168hrs

Applications :

- Livestock / Animal Tracking
- Access Control
- Vehicle Identification
- Container Tracking
- Asset Management
- Waste Management

Dimension NO.	OD (mm)	Length (mm)	Weight (g)
CYG01	2.12	12	0.11
CYG02	3	13	0.29
CYG03	3	15.5	0.31
CYG04	4	34	1.40

IC Type NO.	Memory	Function	IC Type	Supplier
IC01	128 bits	R / O	EM4005	EM-Marin
IC02	128 bits	R / O	EM4105	EM-Marin
IC03	256 bits	R / W	Hitag S256	Philips
IC04	2048 bits	R / W	Hitag S2048	Philips