



7025 RFID ON METAL TAG

A long-life RFIF tag for indoor and outdoor applications

This product can be widely used in indoor and outdoor asset management. It has stable and reliable performance.

CHARACTERISTICS:

Compliance	EPC Class1 Gen2, ISO18000-6C
Frequency	902-928MHz or 865-868MHz
Chip	NXP Ucode9
Memory	EPC 96-bit, User 0-bit
Read and write	Yes
Data storage	50 years
Warranty	1 year
Material	ABS (Indoor application) /or strong weather-resistant polymer material (indoor or outdoor application)
Size	70mm x 25mm x 5mm(Mounting hole diameter 4.12mm, mounting hole center distance 58mm)
Operating Temperature	-25℃ ~ +73℃ (-77°F ~ +163.4°F)
Storage Temperature	-40℃ ~ +73℃ (-104°F ~ +163.4°F)
Humidity	5% ~ 95%
Installation	M3 screws or aluminum rivets, super glue, double-sided adhesive (optional)
Weight	About 5 grams per piece
Package	Anti-static bag and carton packaging
Color	Off-white (surface color can be customized for orders over 5,000 pieces)
Drop Test	Passed 200 drop tests at a height of 1 meter
Alcohol test	Passed the 95% alcohol concentration test
Gasoline test	Passed 92 gasoline wipe
Temperature cycle test	-40℃ ~ +70℃ (-104°F ~ +158°F), 7 cycles testing, 48 hours in total
RoHS	The material has been certified by SGS
IP Level	IP67
Read distance (fixed type reader)	On metal: up to 6m. (EIRP=4W)
Read distance (handheld reader)	On metal: up to 5m (with R2000 RF Module+33dBi Power+4dBi Antenna in outdoor open Space, it may differ with different readers)
Polarization	Liner
RF performance consistency test	100% tested and passed the Voyantic Tagformance

ADVANTAGES:

Long reading range:

RF performance is better than similar tags.

Excellent consistency performance:

100% tested and passed the Voyantic Tagformance test, it is of better quality than similar tags from other brands.

Good product bandwidth:

The product bandwidth is better than similar products. The product's performance consistency can still be maintained after long-term use.

APPLICATIONS:

IT facility management.
Metal container management.
Indoor and outdoor equipment and facility management.
Fixed asset management.

OPTIONAL:

Laser codes, surface LOGO silk screen printing, pre-encoding