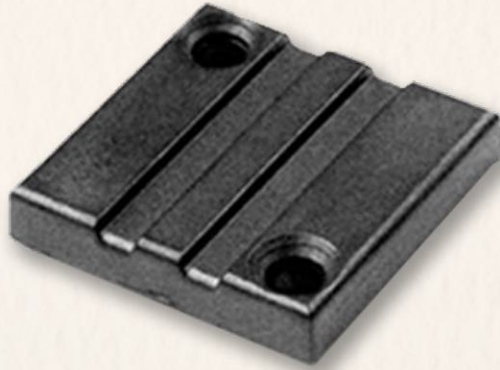


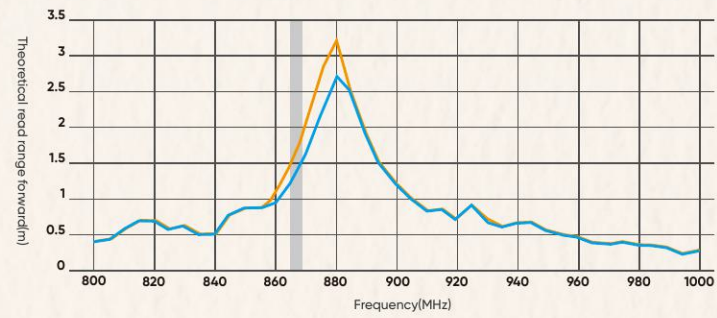


Heat-Resistant Alien® Higgs® 3 PPS RFID On-Metal Tag

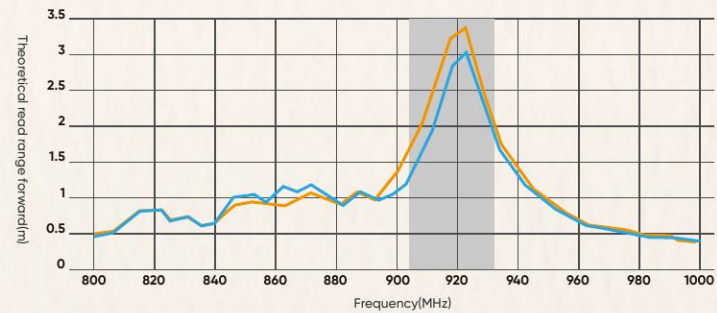
SKU:	RS-H3-OMPPS-2626
Chip Type:	Alien® Higgs® 3
Frequency:	UHF (US)902-928 MHz, UHF (EU)865-868 MHz
EPC Memory:	480 bits
User Memory:	512 bits
Read Range:	2.6 m on metal, 1.3 m off metal
IP Rating:	IP68
Protocol:	ISO/IEC 18000-63, EPC Class 1 Gen 2
Industry:	Manufacturing, Industrial Automation, Petrochemical Industry
Applications:	Asset Tracking, Equipment Tracking, Inventory Management

This UHF RFID heat-resistant on-metal tag features a robust PPS shell and a PCB antenna that incorporates the Alien® Higgs® 3 chip, designed specifically for reliable asset tracking in demanding industrial environments.

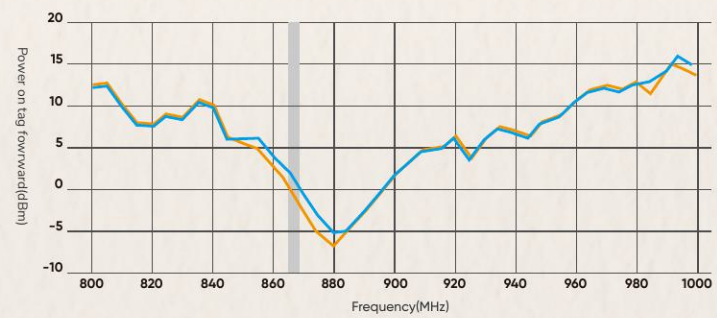
This square tag, rated IP68, can withstand high temperatures and harsh chemicals, making it the perfect option for petrochemical applications that encounter mineral oil, petroleum, salt mist, and vegetable oil.



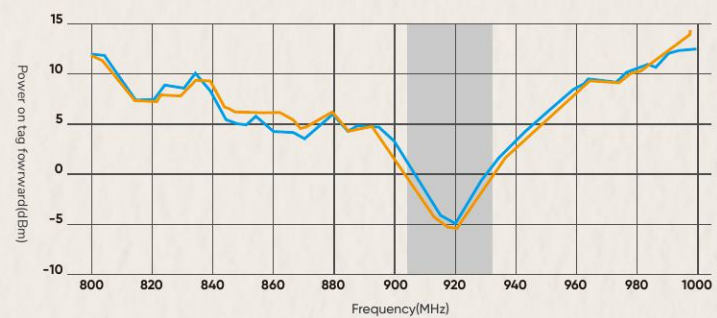
Reading Range Under Different Frequency-FCC Standard



Tag Power Under Different Frequency-ETSI Standard



Tag Power Under Different Frequency-FCC Standard



Physical Information	Material	PPS Shell & PCB Antenna
	Size	26×26 mm (Hole: Ø2 mm×2)
	Tag Color	Black
	Tag Weight	6.6 g
	Tag Thickness	5.5 mm
	Operating Environment	-40°C~+100°C
	Storage Environment	+18°C~+28°C
	Withstands Environment	Fuel B, Mineral oil, Petroleum, Salt mist, Vegetable oil
	Mounting Method	Adhesive, Screw, Binding
	Surface	Metal
	IP Rating	IP68

Technical Information	Operating Frequency	(US)902-928 MHz, (EU)865-868 MHz
	Communication Protocol	ISO/IEC 18000-63, EPC Class 1 Gen 2
	Chip Type	Alien® Higgs® 3
	EPC Memory	480 bits
	User Memory	512 bits
	TID Memory	64 bits
	Read Range (Fix Reader)	865-868 MHz(EU): 2.5 m on metal, 1.2 m off metal 902-928 MHz(US): 2.6 m on metal, 1.3 m off metal
	Read Range (Handheld Reader)	865-868 MHz(EU): 1.5 m on metal, 0.9 m off metal 902-928 MHz(US): 1.9 m on metal, 1 m off metal
	Security Features	Dynamic authentication™ protection, permanently lock user memory, 32-bit kill passwords

● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
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