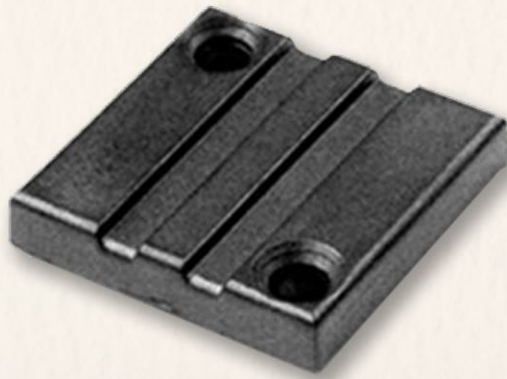




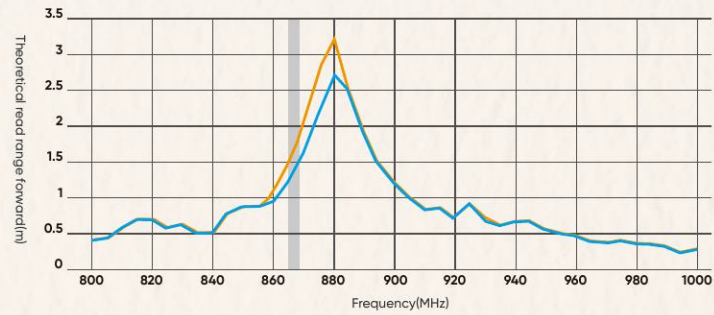
Heat-Resistant NXP® UCODE® 8 PPS RFID On-metal Tag



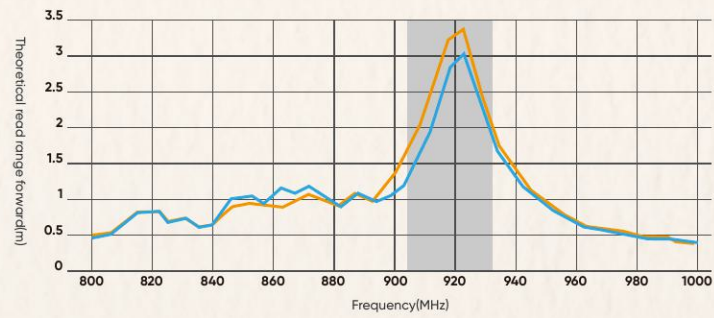
SKU:	RS-U8-OMPPS-2626
Chip Type:	NXP® UCODE® 8
Frequency:	UHF (US)902-928 MHz, UHF (EU)865-868 MHz
EPC Memory:	128 bits
Read Range:	2.6 m on metal, 1.3 m off metal
IP Rating:	IP68
Protocol:	ISO/ IEC 18000-63, EPCglobal Gen2v2
Industry:	Manufacturing, Industrial Automation, Petrochemical industry
Applications:	Asset Tracking, Equipment Tracking, Inventory Tracking

This durable PPS on-metal tag, featuring IP68 and powered by the NXP® UCODE® 8 chip, is built with a robust PPS shell and PCB antenna, guaranteeing reliable performance in petrochemical environments.

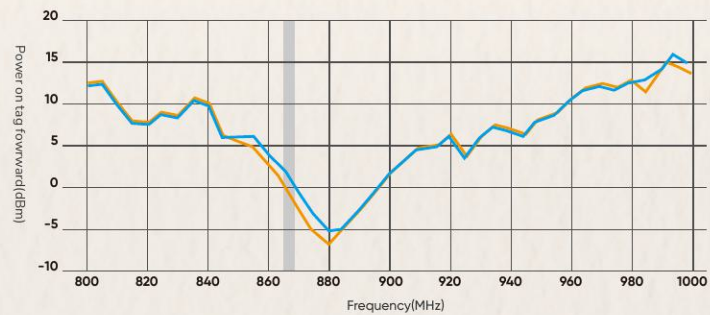
It is engineered to withstand extreme conditions like mineral oil, petroleum, salt mist, and vegetable oil, making it the perfect solution for secure and trustworthy asset tracking in settings where resilience is crucial.



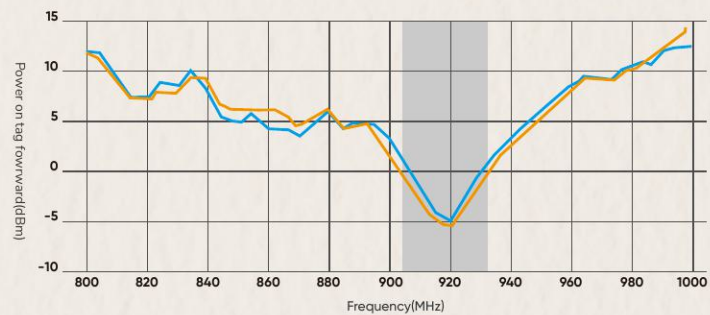
Reading Range Under Different Frequency-FCC Standard



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, EPCglobal Gen2v2
	Chip Type	NXP® UCODE® 8
	EPC Memory	128 bits
	TID Memory	96 bits
	Read Range	2.6 m on metal, 1.3 m off metal
	Security Features	(Perma) LOCK™, kill command, EAS tag alternative function, autocorrect memory protection, authenticity certification

● **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.
 ● **Product Updates and Revisions:** rfidbridge.com may change products, specs, or services at any time without prior notice.
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