



IM221B

RFID SubSurface Asset Marker

The IM221B is a direct burial, globally compliant, passive UHF RFID tag with locating magnet. Its durable design makes the IM221B ideal for identifying underground infrastructure assets such as valves, junctions, cable, and pipes.

INDUSTRY APPLICATIONS

-  Construction
-  Gas & Oil
-  Electricity
-  Water
-  Fiber
-  Underground

FEATURES

-  Waterproof
-  Globally Compliant
-  Passive UHF RFID
-  Magnetic Enabled



Not actual size.

**DESIGNED FOR LONG-LASTING
SUBSURFACE ASSET MARKING**



CONNECTED INFRASTRUCTURE. ENABLED BY RFID.

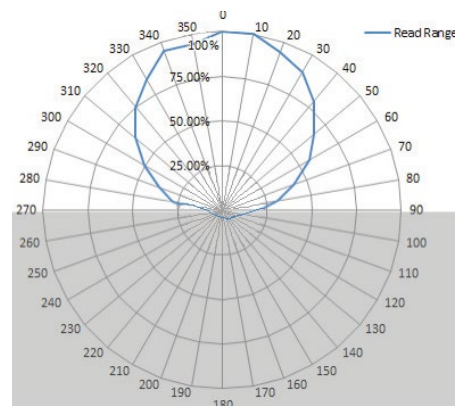
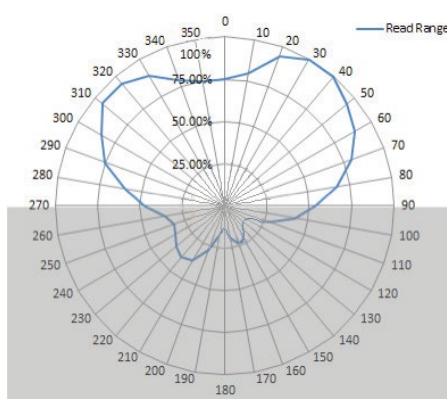
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The tag features a high-impact, waterproof, durable encasement with a stainless-steel backing.

ANTENNA PATTERN



PHYSICAL SPECS

Encasement	ABS
Backing	Stainless Steel
Size*	4 DIA X 1.7 (inches) 102 DIA X 43 (mm)
Weight*	6.1 (Oz) 175 (gm)

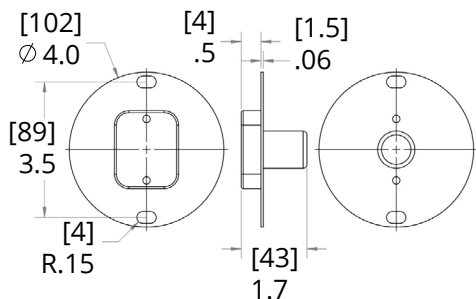
* Approximate specifications

TECHNICAL SPECS

Protocol	EPC Class 1 Gen 2v2
Frequency Range	860-930 (globally)
Read Range	Above ground: 11.5ft (3.5m) Below ground: 18in (.45m) - Max depth
IC Chip	Monza 4QT
Memory	TID: 48 bits EPC: 128 bits User: 512 bits

OPERATIONAL SPECS

Exposure Short Term	-20 to +85 °C -20 to +185 °F
Exposure Long Term	-20 to +85 °C -20 to +185 °F
IP Rating	IP68
Shock and Vibration	MIL STD 810-G
Warranty	1 year limited



To learn more, visit us on the web at www.inframarker.com

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