



Antenna Family Overview

The Impinj family of antennas connect to Impinj Speedway readers and support custom solution development for retail, supply chain and logistics, healthcare, and many other industries. The antennas come in an assortment of sizes and enclosures to support proximity, specialized, and distance read zones.

								
Product Details	Matchbox	Mini-Guardrail	Brickyard	Guardwall	Threshold	Compact Outdoor	Far-Field	Slim Outdoor
Purpose	Tight proximity	Proximity	Point-of-sale	Conveyor systems	Boundary crossings	Mid-range distance	Long-range distance	Long-range industrial
Dimensions	7.3 x 3.3 x 1.1 cm	13 x 7 x 2 cm	29.5 x 6 cm	70 x 40 x 7.3 cm	46 x 9 x 2 cm	15 x 15 x 1.4 cm	26 x 26 x 3.0 cm	25 x 25 x 1.4 cm
Coverage	≤ 5 cm	≤ 8 cm	≤ 1 m	≤ 2 m between antennas	≤ 4 m	≤ 6 m	≤ 6 m	≤ 9 m
Read items in any orientation			✓	✓		✓	✓	✓
Global performance	✓	✓						
Outdoor use					✓	✓		✓

Ready to discuss how Impinj can help your business?

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Impinj (NASDAQ: PI) wirelessly connects billions of everyday items such as apparel, medical supplies, and automobile parts to consumer and business applications such as inventory management, patient safety, and asset tracking. The Impinj platform uses RAIN RFID to deliver timely information about these items to the digital world, thereby enabling the Internet of Things.