

Mini-Guardrail (Broadband) UHF RFID Antenne (13 x 7 x 2 cm)

The Impinj Mini-Guardrail antenna, this is real a Small Solution with Big Results! It fits easily into small enclosures and connects to a reader to create a short RAIN RFID read zone

Mini-Guardrail antennas are ideal for fixed spaces that need exceptional control in a small zone. The antenna is unobtrusive and optimal for monitoring items within cabinets or other small enclosures.



Key Features of the Impinj Mini-Guardrail Antenna

- Embeddable Design, small 13 x 7 x 2 cm size mounts unobtrusively into enclosures
- Close-range Readability enables to read challenging items such as liquids, powders, and metallic packaging
- Performs over a wide range of frequencies that can be used in multiple regions



Technical Description

Functionality & Operation

Polarization	linear
Connectors	SMA female
Frequency	UHF: 860 - 960 MHz

Optical

Depth of scan field	0 cm ~ 10 cm
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Electrical

Gain	-20dBi
Return loss (VSWR)	1.25:1
DC resistance	50ohm

Mechanical

Dimensions	Width: 70mm, Height: 133mm Length: 19mm
Weight	114g
Body housing	aluminium, polycarbonate
Color	black

Environment

Electrical static discharge	±2kV contact
Ingress protection	IP41
Operating temperature	0 to 40°C
Operating humidity (non-condensing)	5 to 95%

Others

Certifications	RoHS
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