



Product Family | Linearly Polarized RFID Antenna (902-928 MHz)
Product Code | VUL-LINE12-FCC

LINE 12 HIGH GAIN RFID ANTENNA

The Vulcan RFID™ LINE12 High Gain Antenna is a linear polarized antenna that is versatile, rugged, and highly efficient for a multitude of applications requiring maximum performance at wide read-ranges.

Its IP65 rating makes the Vulcan RFID™ LINE12 High Gain Antenna suitable for outdoor and industrial applications.

Offering a read range of 10.7 m (35 ft), this antenna is ideal for applications where maximum read zone coverage is needed, such as:

- Warehouse
- Fleet Management
- Industrial Portals
- Access Control
- Asset Management
- Distribution Center Yards





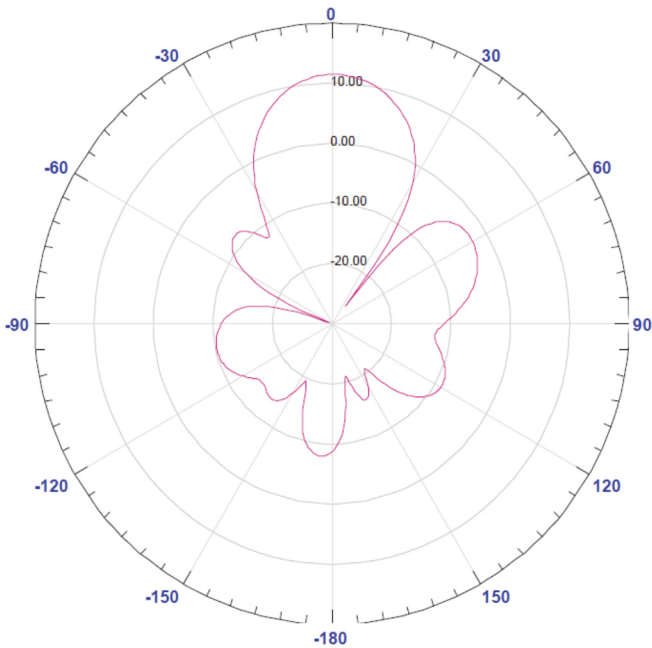
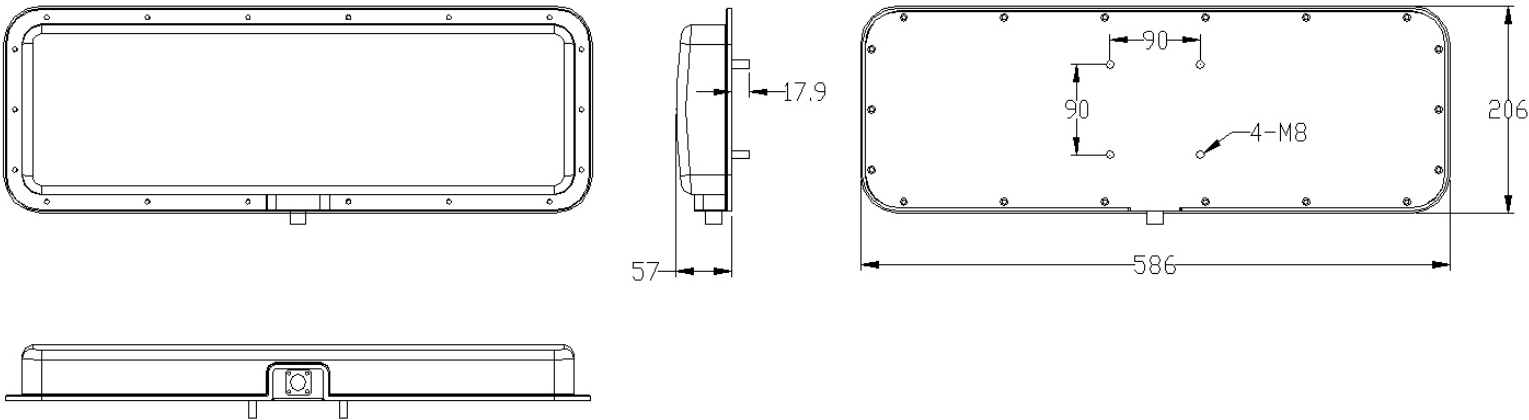
Specifications

ELECTRICAL	Operating Frequency:	FCC (902-928 MHz)
	Polarization:	Linear Polarization
	Gain:	12 dBi
	Elevation Beamwidth:	40°
	Azimuth Beamwidth:	90°
	Input Impedance:	50 Ω
	VSWR:	1.3:1
	Axial Ratio:	2 dB typical
MECHANICAL	Connector Type:	N-Type Female (connects to N-Type Male)
	Mounting:	4 Threaded Studs
	Cable:	Not Included
	Radome Material:	Engineering plastics ASA, Aluminum
	Dimensions:	600 x 180 x 55 mm (23.622 x 7.086 x 2.165 in)
	Weight:	1.61 kg (3.55 lbs)
ENVIRONMENT	Operating Temperature:	-40° to +85°C (-40° to +185°F)
	Storage Temperature	-40° to +85°C (-40° to +185°F)
	IP Rating:	IP 65

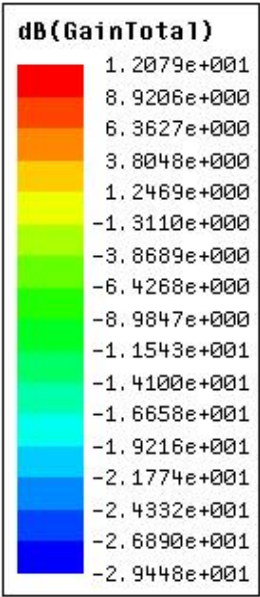


Diagrams

Dimensions (mm)



Antenna pattern (two-dimensional pattern)



Antenna radiation pattern

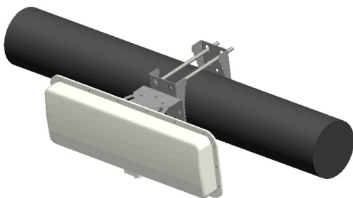
Accessories & Compatible Products

Vulcan RFID™



VUL-MAPPER

Vulcan RFID™



VUL-X49-AB12-BR

Vulcan RFID™



195-RP-TNC-M-N-Type-M-12
195-RP-TNC-M-N-Type-M-25
195-RP-TNC-M-N-Type-M-35

*For custom cable connectors or lengths please [contact us](#).



About Vulcan RFID™ Products

Vulcan RFID™ offers a broad range of innovative RFID antennas, RFID inlays, custom RFID tags, and accessories suited for a wide variety of industries and applications. With an extensive portfolio, Vulcan RFID™ products are manufactured to withstand environments ranging from mild to extreme. All Vulcan RFID™ products are thoroughly tested and built on a name you can trust. Vulcan RFID™ products enable you to reach and sustain high levels of performance with your UHF or NFC frequency application.



Vulcan RFID™ Antennas

Vulcan RFID™ offers an extensive collection of UHF RFID antennas designed to maximize the RF performance and coverage area of an RFID system.

[Shop Now](#)


Vulcan RFID™ Tags & Inlays

Vulcan RFID™ offers a broad range of RFID labels, tags and inlays built to withstand environments ranging from mild to extreme.

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Vulcan RFID™ Accessories

Vulcan RFID™ provides a variety of high-quality accessories, RF hardware, and cables.

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