



## RPOR-TH-865/902-8L-RTF Slim Multilinear RFID Portal Antenna



The RPOR-TH-865/902-8L-RTF is a highly versatile multi-linear RFID portal designed to offer superior tag read performance across all tag orientations. Its focused multi-linear beam design significantly reduces cross reads and blind spots, providing reliable and accurate data capture. Whether used individually or in combination with multiple units, this antenna offers unmatched adaptability for diverse operational needs.

- Focused Multi-Linear Beams
- FCC 902-928 MHz and ETSI 865-868 MHz Band Coverage
- Captures All Tag Orientations
- Strong Near-Field Performance
- Thin lightweight design for low cost shipping and easy installation



This antenna Designed for flexibility, the slim profile of RPOR-TH-865/902-8L-RTF Antenna allows seamless installation in tight spaces. It can be mounted flush on walls or above doorways and workstations, or pole-mounted to create conveyor tunnels. This versatility makes it an ideal solution for various environments, from warehouses to retail spaces, without compromising functionality.

Key advantages of the RPOR-TH-865/902-8L-RTF include its FCC and ETSI band coverage, multi-linear beam performance, and excellent near-field strength. The lightweight and modular design minimizes shipping and labor expenses. It supports standard parcel shipping and enables single-person installation, reducing deployment costs and timelines. The unit is compatible with leading RFID readers and requires no antenna adjustments, making it an efficient, plug-and-play solution for applications such as warehouse management, logistics, and manufacturing environments.



RFID

## ELECTRICAL DATA

Frequency Range	FCC: 902-928 MHz
	ETSI: 865-868 MHz
Peak Gain	FCC: 8dBi
	ETSI: 7.5dBi
Impedance	50 ohms
Max Power Input	10 Watts
Polarization	Multi Linear

## ENVIRONMENTAL DATA

Hazardous Substances	RoHS Compliant
Temperature	-20°C to 60°C (-4°F to + 140°F)

## MECHANICAL DATA

Dimensions	Height 38"
	Width 12.8"
	Depth 1.94"
Connector	Fixed Reverse Polarity TNC Female (on bottom edge)

## MECHANICAL DRAWING

