

RPOR-865/902-8L-RTF *Stackable, Multilinear RFID Portal Antenna*



The RPOR-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 linear antennas minimize cross reads and blind spots, ensuring accurate and efficient scanning. The antenna's flexible deployment options make it suitable for various environments, allowing for individual or combined installations based on specific needs.

This antenna is designed to be installed in numerous configurations, including floor, wall, ceiling, or pole mounts. It is ideal for covering dock doors, forming conveyor tunnels, or even attaching to automated guided vehicles (AGVs) for mobile scanning. Its compact, modular design reduces shipping costs and allows for easy, single-person installation, which is perfect for businesses looking to optimize space and reduce labor costs.

- Focused Multi-Linear Beams
- FCC 902-928 MHz and ETSI 865-868 MHz Band Coverage
- Captures All Tag Orientations
- Strong Near-Field Performance
- Stackable, modular design for reduced costs in transport and deployment



RFID

Key advantages of the RPOR-865/902-8L-RTF include its FCC and ETSI band coverage, multi-linear beam performance, and excellent near-field strength. 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.

ELECTRICAL DATA

Frequency Range	FCC: 902-928 MHz
	ETSI: 865-868 MHz
Peak Gain: Isotropic	FCC: 8dBi
	ETSI: 7.5dBi
Impedance	50 ohms
Max Power Input	10 Watts
Polarization	Multi Linear
Hazardous Substances	RoHS Compliant
Temperature	-20°C to 60°C (-4°F to + 140°F)

MOUNTING DATA

Dimensions	Height 38"
	Width 12.8"
	Depth 5.8"
Connector	Reverse Polarity TNC Female
Weight	19lbs (per unit) Ship Weight