symbol ®
The Enterprise Mobility Company ™

HIGH-PERFORMANCE AREA RFID ANTENNAS

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RFID Antennas

Comprehensive RFID Antenna Solutions for Diverse Application Needs

Radio Frequency Identification (RFID) Antennas from Symbol Technologies offer versatility and performance to meet diverse application needs. When used in conjunction with Symbol's RFID systems, communication with Electronic Product Code (EPC™)-compliant RFID tags is accurate, fast and efficient. Antennas are a vital component in reader-tag communications.

High-Performance Area Antennas for High-Capacity, High-Throughput Environments

High-Performance Area Antennas are general-purpose antennas for long range and large area RFID tag reading. Optimized to perform in all environments, these area antennas are easy to mount on ceilings and walls to create superior read zones around shelves, doorways and dock doors – anywhere boxes and pallets are moving into and out of a facility.

These packaged, rectangular antenna arrays offer a wide read field and high-speed RF signal conversion for fast and optimal communication of EPC-compliant passive tag data. High-Performance Area Antennas are typically used in applications requiring the longest read ranges and highest levels of performance. They meet standard technical requirements for any RFID implementation and are deployment-ready with Symbol RFID readers.

Symbol RFID Antennas – A Vital RFID System Component

RFID Antennas complement the portfolio of Symbol enterprise mobility solutions that enable organizations to capture, move and manage critical information to and from every point of business activity. These efficient antennas are ideal for high-throughput, highcapacity communication of EPC-compliant RFID tag data.

For more information, contact us at +1.800.722.6234 or +1.631.738.2400, or visit us on the web at <u>www.symbol.com/rfidantennas</u>.

Services for a More Successful Mobility Solution

Symbol offers a full suite of services, including complete analysis, design, installation, training and ongoing support for the seamless deployment, management and continued support of your RFID solution.

Specification Highlights

High-Performance Area Antenna

Physical Characteristics	
Dimensions:	28.3 in. L x 12.5 in. W x 1.5 in. D /71.7 cm L x 31.7 cm W x 3.8 cm D
Weight:	~8 pounds (~3.6 Kg)
Casing:	Aluminum with poly carbonate cover
Polarization:	Two circular polarized patch array
User Environment	
Operating Temperature:	+32° to +122° F/0° to +50° C
Storage Temperature:	-4° to +158° F/-20° to +70° C
Connectors:	2 type "N" female connectors
Voltage Standing Wave Ratio (VSWR):	1.25
Isolation –db:	-37
3db Beam Width:	60°
Gain in dBi linear:	6.0

NOTICE: Repairs of these products may require the use of Symbol proprietary parts (and/or Symbol proprietary information). Symbol will sell these parts (and provide this proprietary information) only to end-user customers for self-service. It is Symbol's policy not to sell these parts to third-party service providers and not to allow a third-party service provider to act as an ordering or receiving agent for the parts necessary to repair this product. Applicable in the U.S. For all other countries, please contact your Symbol account manager or the local Symbol Customer Service representative in your area for further details.

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For system, product or services availability and specific information within your country, please contact your local Symbol Technologies office or Business Partner.

About Symbol Technologies

Symbol Technologies, Inc., The Enterprise Mobility Company™, is a recognized worldwide leader in enterprise mobility, delivering products and solutions that capture, move and manage information in real time to and from the point of business activity. Symbol enterprise mobility solutions integrate advanced data capture products, radio frequency identification technology, mobile computing platforms, wireless infrastructure, mobility software and world-class services programs. Symbol enterprise mobility products and solutions are proven to increase workforce productivity, reduce operating costs, drive operational efficiencies and realize competitive advantages for the world's leading companies.