**AA3570 Toll Antenna**

**Features**
- Designed to be installed overhead in the center of the toll lane
- Sturdy weatherproof radome
- Incorporates a check tag as a means to perform end-to-end status checks

The AA3570 Toll Antenna is used to broadcast and receive radio frequency (RF) signals in the 2400 MHz radio frequency band.

The AA3570 is a linear polarization microstrip dipole array antenna.

The AA3570 incorporates a check tag within the antenna housing. The check tag is activated at prescribed intervals by the host computer. When the check tag is instructed to operate, its identification (ID) is read by the system as with any other tag. The check tag may mimic a real transaction if set up to be read, written to and then read again to verify the transaction. Absence of the check tag ID alerts the user to possible failure within the system. In addition, write commands may be exercised by the reader to ensure proper write capability of the system.
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#### COMMUNICATIONS

- **Frequency Range**: 2400 to 2500 MHz
- **Impedance**: 50 ohms
- **Half-Power Beam Width**: 32° in E-plane and 35° in H-plane

#### HARDWARE FEATURES

- **Connector**: N-Type socket
- **PHYSICAL**
  - **Size**: 15.3 x 20.0 x 3.1 in. (38.9 x 50.8 x 7.9 cm)
  - **Weight**: 7.6 lb (3.45 kg)

#### ENVIRONMENTAL

- **Mounting Location**: Overhead canopy mount
- **Operating Temperature**: -40°F to 158°F (-40°C to +70°C)

![Radiation Pattern](image)

For more information:
Call **214.461.6443** (Sales Support) * 505.856.8007 (Technical Support)