

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)

Mounting Location

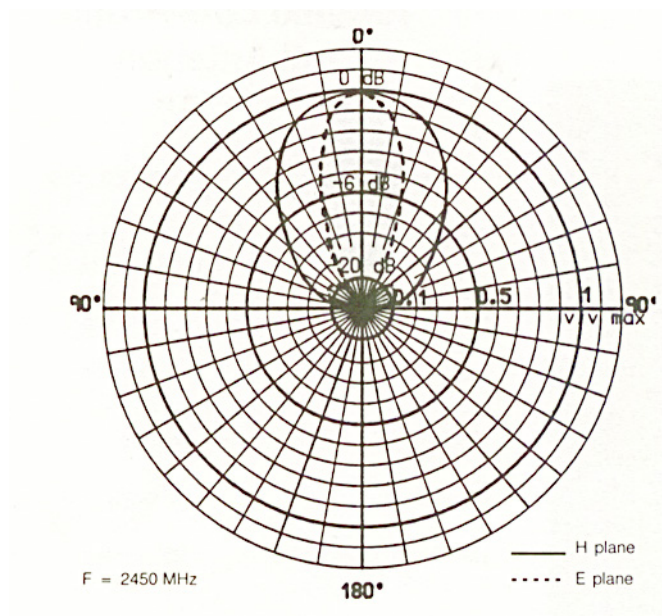
Overhead canopy mount

ENVIRONMENTAL

Operating Temperature

-40°F to 158°F (-40°C to +70°C)

Radiation Pattern



For more information:

Call **800.923.4824** (Sales Support) **505.856.8007** (Technical Support)

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