



Intermec

## Product Profile

- Heavy-duty radomes of high strength pulltruded fiberglass
- Rigid matching network and circuit boards
- Stainless steel mounting hardware



### IA36A INTELLITAG™ RUGGED ANTENNA

Joining the diversified line of RFID readers are the Intermec Intellitag RFID antennas. The Intellitag RFID antenna family offers a variety of gain, polarization and radiation pattern options. This antenna is specifically designed for vehicle mount applica-

tions where shock and vibration can far exceed the specifications of antennas designed for fixed applications. Its pulltruded fiberglass radome makes it one of the toughest antennas on the market.

Intermec

**Description**

868, 6dBi, Vert Pol, N

**Frequency Range**

865-928 MHz

**Gain**

6 dBi

**Impedance**

50 Ohms

**VSWR**

&lt;1.5:1

**Axial Ratio**

N/A

**Polarization**

Vertical

**Front-to-Back Ratio**

&gt;20 dB

**Maximum Input Power**

100 Watts (at 50°C)

**H-Plane Beamwidth**

90 degrees (half power)

**E-Plane Beamwidth**

70 degrees (half power)

**Connector**

N

**Cable Length**

N/A

**Weight**

1496.8 grams (52.8 oz)

**Dimensions**

26.1 x 15.4 x 4.8 cm (10.3 x 6.1 x 1.9 in)

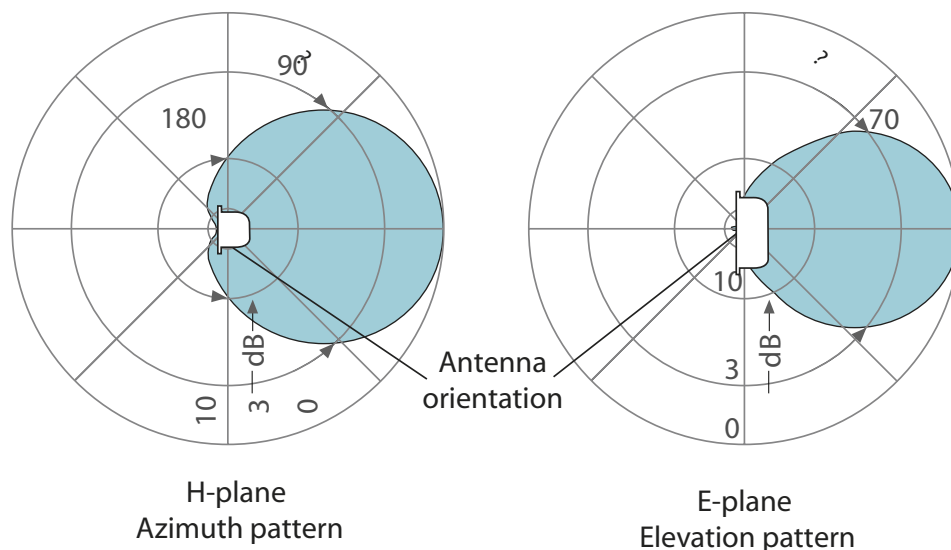
**Mounting Hardware**

203-734-001 kit included

203-733-001 kit order separately

203-735-001 order separately

203-737-001 order separately



**Intermec**<sup>®</sup>  
expect MORE<sup>®</sup>

**North America**

**Corporate Headquarters**  
6001 36<sup>th</sup> Avenue West  
Everett, Washington 98203  
tel: 425.348.2600  
fax: 425.355.9551

550 2nd Street S.E.  
Cedar Rapids, Iowa 52401  
tel: 319.369.3100  
fax: 319.369.3453

**Media Supplies**  
9290 Le Saint Drive  
Fairfield, Ohio 45014  
tel: 513.874.5882  
fax: 513.874.8487

**Canada**

7065 Tranmere Drive  
Mississauga, Ontario  
L5S 1M2 Canada  
tel: 905.673.9333  
fax: 905.673.3974

**Europe/  
Middle East & Africa  
Headquarters**

Sovereign House  
Vastern Road  
Reading RG1 8BT  
United Kingdom  
tel: 44.118.987.9400  
fax: 44.118.987.9401

**Asia**

Asia Regional Office  
26-16 International Plaza  
10 Anson Road  
Singapore 079903  
tel: 65.6324.8391  
fax: 65.6324.8393

**Beijing Representative Office**

29 FL, Unit A1, China Merchant Tower  
118 Jian Guo Road  
Chaoyang District, Beijing 100022  
Tel: 86.10.5165.5922  
Fax: 86.10.6567.6778

**Australia**

Level 4, 1-3 Atchison Street  
St. Leonards, NSW 2065  
Australia  
tel: 61.2.9330.4400  
fax: 61.2.9437.0204

**South America & Mexico**

**Intermec South America Ltda.**  
Rua Samuel Morse 120 9 andar  
Brooklin CEP04576-060  
São Paulo, SP  
Brazil  
tel: 55.11.5502.6770

**Intermec Technologies de Mexico**

Av Tamaulipas #141, Primer Piso  
Col. Hipodromo Condesa  
Mexico, DF, 06140 Mexico  
tel: 525.55.241.4800  
fax: 525.55.211.8121

**Internet**

www.intermec.com

**Sales**

800.347.2636  
(toll free in N.A.)  
tel: 425.348.2726

**Service and Support**

800.755.5505  
(toll free in N.A.)  
tel: 425.356.1799

Copyright © 2005 Intermec Technologies Corporation. All rights reserved. Intermec is a registered trademark of Intermec Technologies Corporation. All other trademarks are the property of their respective owners. Printed in the U.S.A.  
611684-01A 10/05

In a continuing effort to improve our products, Intermec Technologies Corporation reserves the right to change specifications and features without prior notice.