

Product profile

Kreski



Antenna Cell

- Specifically developed for forklift installations
- Enables fast and inexpensive installations
- Flexible and configurable to support changing application needs
- Available in both FCC and ETSI frequencies

With its unique, mostly metal design, the Intermec Antenna Cell is an RFID antenna specifically developed for forklift installations where shock and vibration can far exceed the specifications of antennas designed for fixed RFID reader applications. Complete with mounting hardware, Antenna Cells can be mounted with no drilling, cutting or welding which enables fast and inexpensive installations for a single forklift or fleet deployments. Antenna Cells are available in both FCC and ETSI frequencies.

Antenna Cells leverage another new product, the Adaptable Load Backrest (ALBR), developed in partnership with Cascade Corporation, the world's leader in the design and manufacture of lift truck attachments. The Antenna Cells can be mounted into an ALBR in about a half hour, as opposed to spending a day of field engineering time, and approximately \$2500 in expense, to install RFID equipment onto a forklift the "old fashioned" way.

The ALBR neatly and precisely compartmentalizes the Antenna Cells and RFID reader into areas of the load backrest that don't obstruct the operator's vision and are protected from damage. In addition, the ALBR provides

built-in Antenna Cell cable routing for protection for vulnerable cables and a professional looking installation.

Antenna Cells mounted into ALBRs are flexible and configurable for quick and inexpensive reconfigurations to support changing application needs such as converting from pallet tag reading to case level reading. This modular approach enables Antenna Cells to be interchangeable for quick replacement of damaged parts lessening slow downs in a busy operation.

The ALBR and Antenna Cells not only improve operator performance and safety, they also significantly reduce the time and cost of RFID forklift deployments. With the ALBR and Antenna Cells, the installation of an RFID reader and antennas no longer needs to involve labor-intensive customization of the load backrest or fork truck. Durable, reliable installations of these products should last the life of a typical forklift lease.

Antenna Cells are sold by Intermec Technologies and its distributors and partners. ALBRs are manufactured and sold by Cascade Corporation. They are built to order for specific forklift models.

Kreski

Zapraszamy do kontaktu!
Więcej informacji: www.kreski.pl

Intermec®

Intermec Model Number	IA33D	IA33E
Intermec Part Number	805-816-001	805-816-002
RFID Frequency Ranges	865 – 870 MHz	902 – 928 MHz
Physical Characteristics	Length: 19.6 cm (7.7 in) Width: 19.6 cm (7.7 in) Height: 2.5 cm (1 in) Weight: 1.4 kg (3 lb)	Length: 19.6 cm (7.7 in) Width: 19.6 cm (7.7 in) Height: 2.5 cm (1 in) Weight: 1.4 kg (3 lb)
Environment	Operating Temperature: -25°C to 55°C (-13°F to 131°F) Storage Temperature: -30°C to 75°C (-22°F to 167°F) Humidity (non-condensing): 10% to 90%	Operating Temperature: -25°C to 55°C (-13°F to 131°F) Storage Temperature: -30°C to 75°C (-22°F to 167°F) Humidity (non-condensing): 10% to 90%
Environmental Rating	IP66	IP66
Shock	50 g, 8ms ½ sine, 5000 impulses each direction, each axis	50 g, 8ms ½ sine, 5000 impulses each direction, each axis
Gain	6.0 dBi	6.0 dBi
Impedance	50 Ohms	50 Ohms
VSWR	<1.5:1	<1.5:1
Axial Ratio	N/A	N/A
Polarization	Right Hand Circular	Right Hand Circular
Front-to-Back Ratio	10 dB	10 dB
Maximum Input Power	10 Watts	10 Watts
H-Plane Beamwidth	66 degrees (half power)**	82 degrees (half power)
E-Plane Beamwidth	82 degrees (half power)	82 degrees (half power)
Connector	N	N Reverse Polarity
RoHS, WEEE Compliance	Complies	Complies
Mounting Hardware	Adaptable Load Backrest Mounting Included	Adaptable Load Backrest Mounting Included

** Beam width when mounted in the adjustable load back rest.

Restrictions On Use

Some approvals and features may vary by country and may change without notice. Please check with your local Intermec sales office for further information.

Disclaimer

Intermec reserves the right to make changes without notice to any products herein for any reason at any time, including but not limited to improving the reliability, form, fit, function or design. Please contact Intermec for current price list and availability.

North America

Corporate Headquarters

6001 36th Avenue West
Everett, Washington 98203
Phone: (425) 348-2600
Fax: (425) 355-9551

South America & Mexico Headquarters Office

Newport Beach, California
Phone: (949) 955-0785
Fax: (949) 756-8782

Europe/Middle East &

Africa Headquarters Office

Reading, United Kingdom
Phone: +44 118 923 0800
Fax: +44 118 923 0801

Asia Pacific

Headquarters Office
Singapore
Phone: +65 6303 2100
Fax: +65 6303 2199

Internet

www.intermec.com
Worldwide Locations:
www.intermec.com/locations

Sales

Toll Free NA: (800) 934-3163
Toll in NA : (425) 348-2726
Freephone ROW: 00 800 4488 8844
Toll ROW : +44 134 435 0296

OEM Sales

Phone: (425) 348-2762

Media Sales

Phone: (513) 874-5882

Customer Service and Support

Toll Free NA: (800) 755-5505
Toll in NA : (425) 356-1799



Zapraszamy do kontaktu!
Więcej informacji: www.kreski.pl



Copyright © 2007 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. 611798-01C 06/07

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