



**ZEBRA**

# Zebra ZBR4000 Inlay

## FEATURES

- Extreme high sensitivity: read range up to 20m in free space
- Optimized to be read from nearly any angle
- Performs well when placed on or near challenging materials (i.e. pallets, freight)
- Best in class read accuracy with Zebra ATR7000
- Pre-tested with Zebra printers and readers
- Applications: Case / Pallet, Freight, Assets
- Global item – works with FCC and ETSI frequencies
- Inlay performance has been tested and profiled by Auburn University RFID Lab and has been added to the ARC Performance Data Library

## ADDITIONAL DETAILS

- IC: NXP UCODE 8
- Read Sensitivity: -23dBm
- Write Sensitivity: -18dBm
- EPC memory: 128 bit
- User memory: N/A
- TID: 96 bit factory locked (48 bit unique)
- EPC Gen2v2

## THEORETICAL \* READ RANGES ON VARIOUS SURFACES (m)

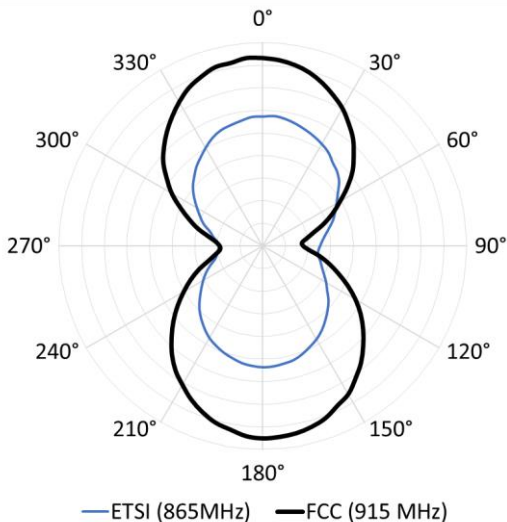
Material	ETSI (865-868 MHz)	FCC (902-928 MHz)
Air	10	17
Cardboard	14	18
Fiberglass	20	19
Glass	20	18
PTFE	17	19
Polyacetyl	19	19
PVC	18	20
Rubber	19	16

\*Theoretical read range data is meant to be directional. Actual performance will depend on your application and environment. Testing is recommended.

## SUGGESTED APPLICATIONS

- RFID labeling 
- Case/pallet labeling 
- Transportation & Logistics 
- Warehouse labeling 

## ORIENTATION SENSITIVITY



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**Product Performance and Suitability:** The information contained in this document is to be used for guidance only and is not intended for use in setting specifications. All purchasers of Zebra products shall be solely responsible for independently determining if the product conforms to all requirements of their unique application.

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