



# GB25U8 RFID Inlay Product Spec Sheet



## Applications

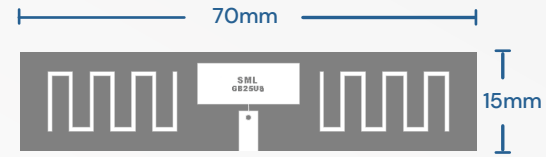
Apparel - Baggage - Boxed Items - Denim - Footwear - Logistics  
Pallet - Polybags - Retail

## Key Benefits

- ✓ Pre-Serialization of 96 bit EPC
- ✓ Excellent Performance
- ✓ Compact Antenna Size
- ✓ Robust Performance on Variety of Materials
- ✓ Global Frequency Coverage

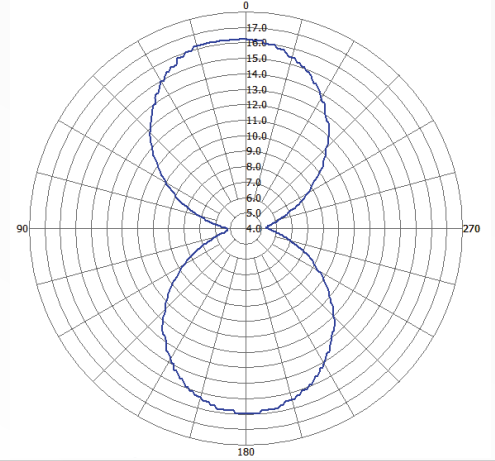
## Technical Features

Antenna Size / Web Width	70 X 15 mm [2.76 X 0.59 in] / 76 mm [2.992 in]
Integrated Circuit (IC) Type	NXP UCODE 8
Operating Frequency	860 - 960MHz
RF Communications Protocol	ISO/IEC 18000-63 and EPC Global Class 1 Gen2
ARC Approved Spec	F, I, H, K, M, N, Q, G, L, W1, W2, W3, W4, W5, W6
Chip Memory	128 bits EPC
Inlay Substrate Material	PET
IC Features	Auto Adjust Technology, Brand Identifier, Pre-serialized 96bit EPC, Broad Bandwidth
Read Sensitivity	-23 dBm
Write Sensitivity	-18 dBm
Operating Temperature	-5°C to 60°C / 23°F to 140°F
Operating Humidity	20% - 60% RH

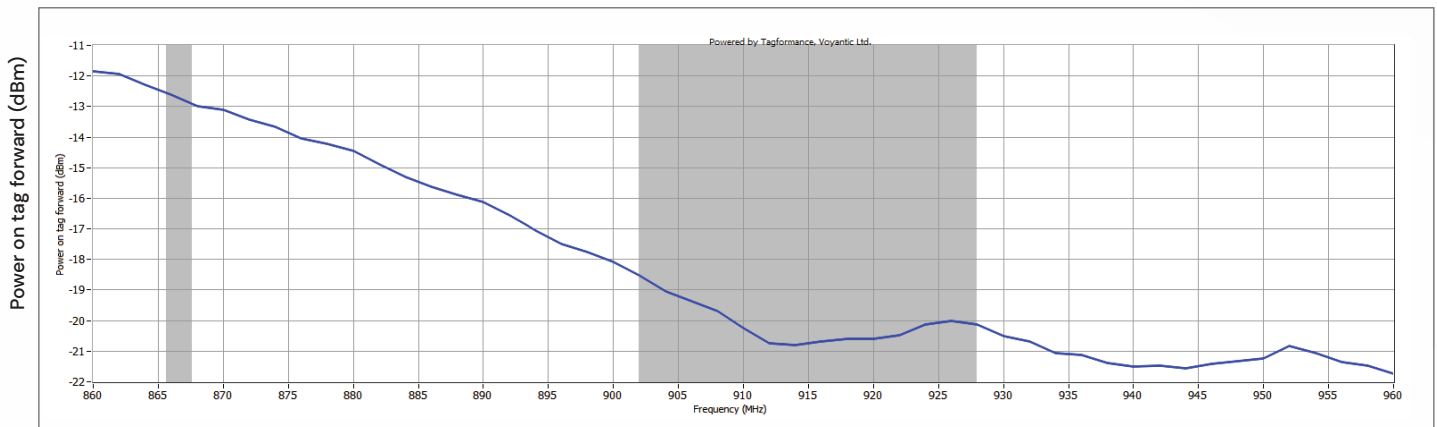


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### Orientation Read Range (m)



### Sensitivity Results from Free Space (dBm)



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