



GB5U8 RFID Inlay

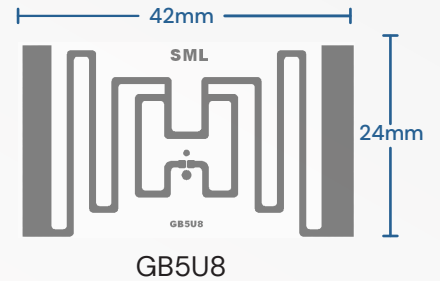
Product Spec Sheet

Applications

Apparel - Baggage - Denim - Footwear - Polybags - Retail

Key Benefits

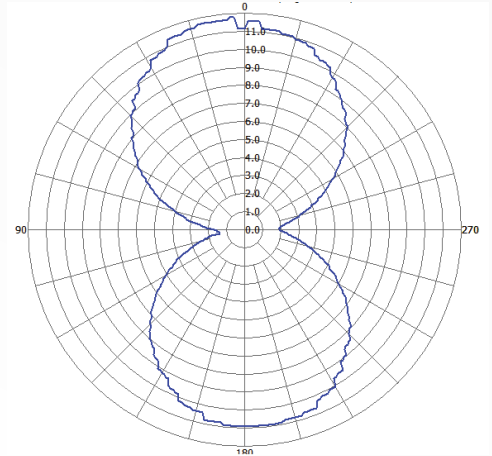
- ✓ Pre-Serialization of 96 bit EPC
- ✓ Excellent Performance
- ✓ Supply Chain Management
- ✓ Robust Performance on Variety of Materials
- ✓ Inventory Management



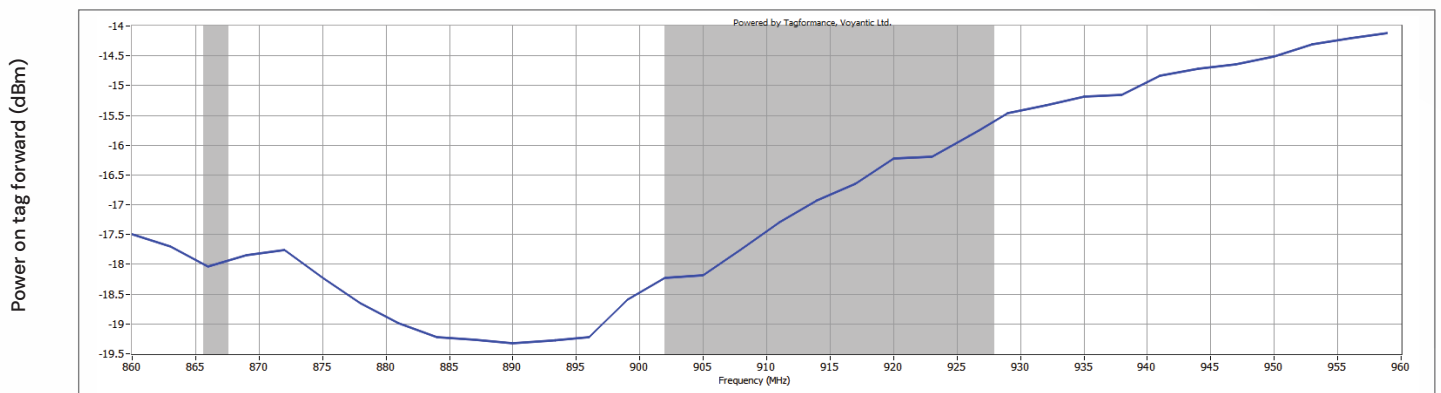
Technical Features

Antenna Size / Web Width	42 X 24 mm [1.65 X 0.94 in] / 65 mm [2.56 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, G, I, K, M, Q, 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

Orientation Read Range (m)



Sensitivity Results from Free Space (dBm)



For more information, please contact us at sml.com/requestinfo.



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