

# SML GB4U8 RFID Inlay

## SML RFID Product Spec Sheet

# SML

**Antenna Size:** 42 X 16 mm  
[1.65 X 0.63 in]

**Web width:** 65 mm [2.56 in]



**ARC APPROVED**  
(Auburn University)

### Market Applications:

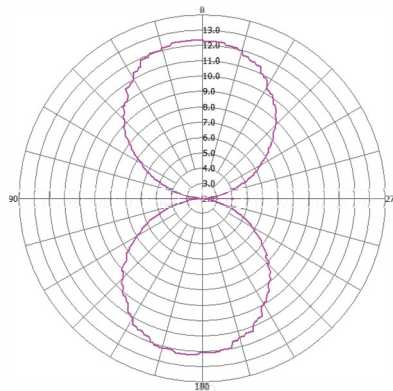
- ◆ Item/asset tracking, including: denim, poly bags, apparel tags and boxed items

### Key Benefits:

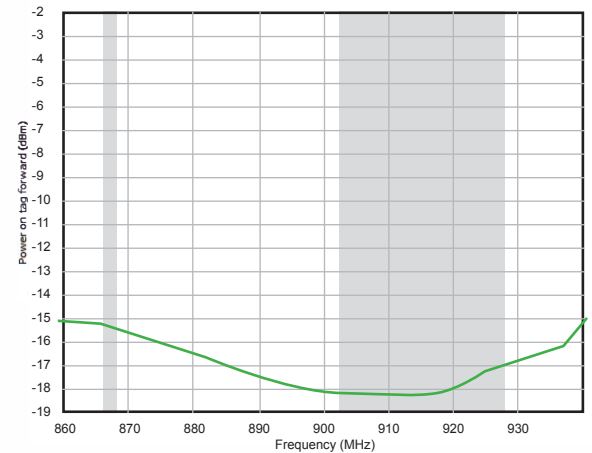
- ◆ Small Size Inlay
- ◆ Excellent Performance

### RF Sensitivity Performance:

Orientation Read Range (m)



### Sensitivity Results from Free Space (dBm)



Attributes	SML GB4U8 RFID Inlay
Antenna Size	42 X 16 mm [1.65 X 0.63 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	Spec A, B, C, D, F, G, M, N, Q
Chip Memory	128 bits EPC
Inlay Substrate Material	PET
Features	Auto Adjust Technology, Brand Identifier, Pre-serialized 96bit EPC, Broad Bandwidth Antenna
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

For further inquiries, please contact SML RFID Team at:

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