

# SML GB4eU7 RFID Inlay

## SML RFID Product Spec Sheet

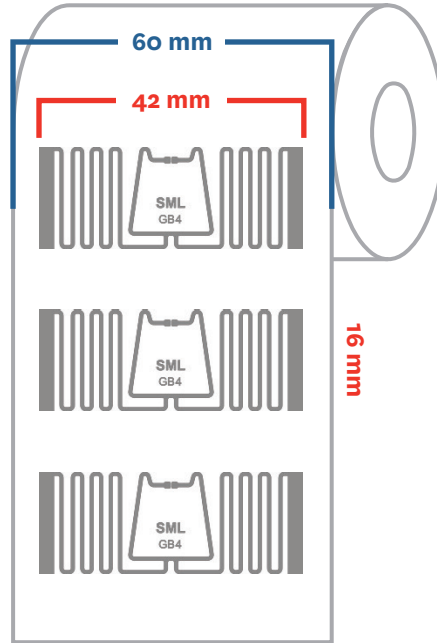
**SML**

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

**Web width:** 60 mm [2.36 in]



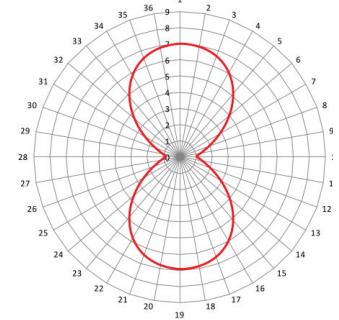
**ARC APPROVED**  
(Auburn University)



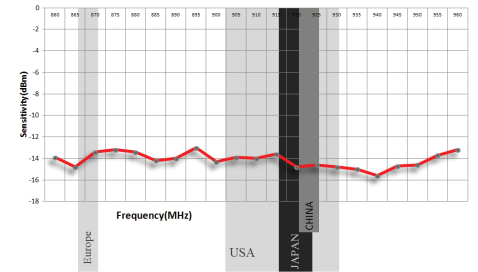
■ Web Width  
■ Antenna Size

## RF Sensitivity Performance:

Orientation Read Range (m)



Sensitivity Results from Free Space (dBm)



## Market Applications:

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

## Key Benefits:

- ◆ Smaller size fits various labels
- ◆ Best-in-class performance
- ◆ Long read distances for small size inlay
- ◆ Fast inventory of dense RFID tag populations

For further inquiries, please contact SML RFID Team at:

[info@sml-rfid.com](mailto:info@sml-rfid.com)

Attributes	SML GB4eU7 RFID Inlay
Antenna Size	42 X 16 mm [1.65 X 0.63 in]
Web Width	60 mm [2.36 in]
Integrated Circuit (IC) Type	NXP UCODE 7
Operating Frequency	860 – 960MHz
RF Communications Protocol	EPC Global Class 1 Gen2 and ISO/IEC 18000-6C
ARC Approved Spec	Spec K
Chip Memory	128 bits EPC
Inlay Substrate Material	PET
Features	Parallel Encoding, Privacy Control
Read Sensitivity	-21 dBm
Write Sensitivity	-16 dBm
Operating Temperature	-5 °C to 60 °C / 23 °F to 140 °F
Operating Humidity	20% ~ 60% RH