

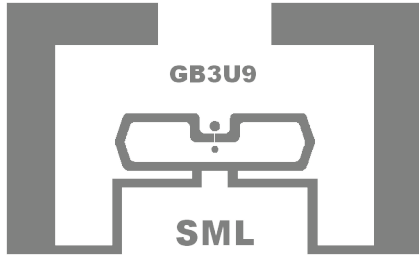
SML GB3U9 RFID Inlay

SML RFID Product Spec Sheet

SML

Antenna Size: 50 X 30 mm
[1.97 X 1.18 in]

Paperface - Wet: 54 X 34 mm
[2.13 X 1.34 in]



ARC Approved
(Auburn University)

Market Applications:

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

Key Benefits:

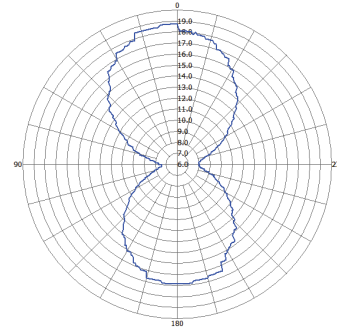
- ◆ Pre-Serialization of 96 bit EPC
- ◆ Excellent Performance
- ◆ 3D Orientation Design
- ◆ Global Frequency Coverage
- ◆ Robust Performance on Variety of Materials

For further inquiries, please contact SML RFID Team at:

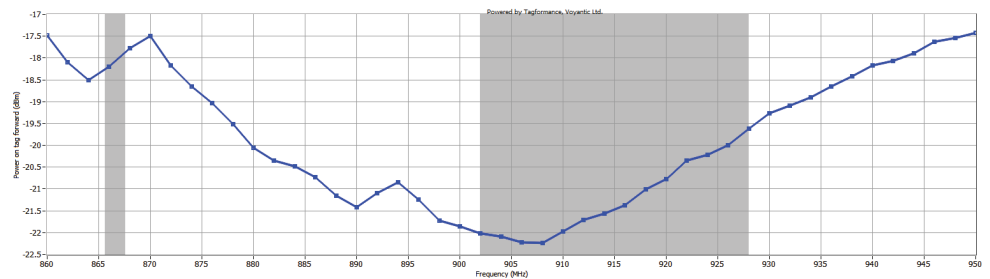
info@sml-rfid.com

RF Sensitivity Performance:

Orientation Read Range (m)



Sensitivity Results from Free Space (dBm)



Attributes	SML GB3U9 RFID Inlay
Antenna Size	50 X 30 mm [1.97 X 1.18 in]
Paperface - Wet	54 X 34 mm [2.13 X 1.34 in]
Integrated Circuit (IC) Type	NXP UCODE 9
Operating Frequency	860 – 960MHz
RF Communications Protocol	ISO/IEC 18000-63 and EPC Global Class 1 Gen2
ARC Approved Spec	I, K, N, Q, M, G, F, L, W1, W2, W3, W4, W5, W6
Chip Memory	96 bits EPC
Inlay Substrate Material	PET
Features	Auto Adjust Technology, Brand Identifier, Pre-serialized 96bit EPC, Broad Bandwidth Antenna
Read Sensitivity	-24 dBm
Write Sensitivity	-22 dBm
Operating Temperature	-5 °C to 60 °C / 23 °F to 140 °F
Operating Humidity	20% ~ 60% RH