

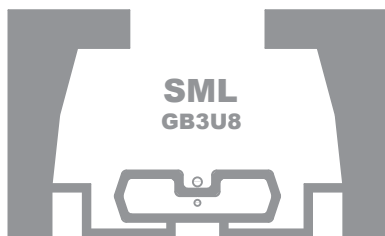
SML GB3U8 RFID Inlay

SML RFID Product Spec Sheet

SML

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

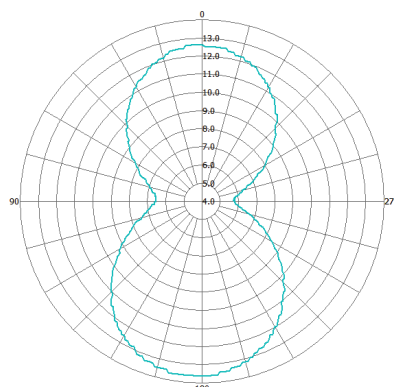
Web width: 65 mm [2.56 in]



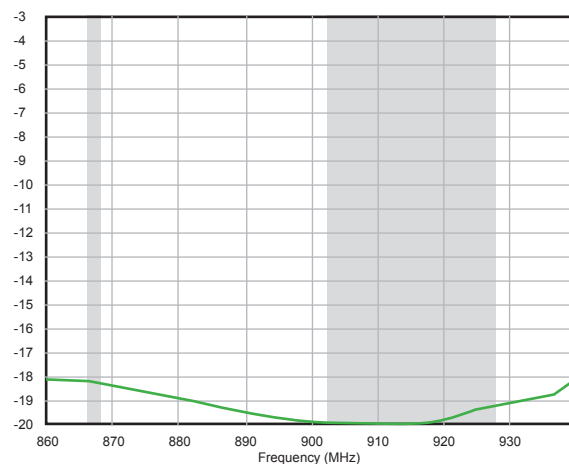
ARC APPROVED
(Auburn University)

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:

- ◆ Small Size Inlay
- ◆ Excellent Performance
- ◆ 3D Orientation Design
- ◆ Global Frequency Coverage
- ◆ Robust Performance on Variety of Materials

Attributes	SML GB3U8 RFID Inlay
Antenna Size	50 X 30 mm [1.97 X 1.18 in]
Web Width	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	Spec A, B, C, D, M, F, G, I, K, 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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