

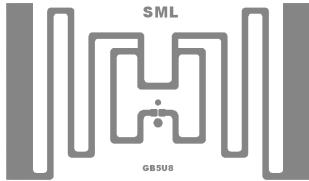
SML GB5U8 RFID Inlay

SML RFID Product Spec Sheet

SML

Antenna Size: 42 X 24 mm
[1.65 X 0.94 in]

Web width: 65 mm [2.56 in]



UAB APPROVED
(Auburn University)

Market Applications:

- ◆ Item/asset tracking
- ◆ Inventory Management
- ◆ Loss Prevention
- ◆ Supply Chain Management

Key Benefits:

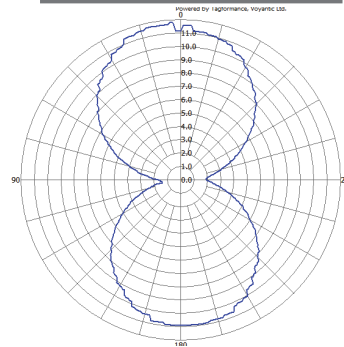
- ◆ Small Size Inlay
- ◆ Excellent Performance
- ◆ Global Frequency Coverage

For further inquiries, please contact SML RFID Team at:

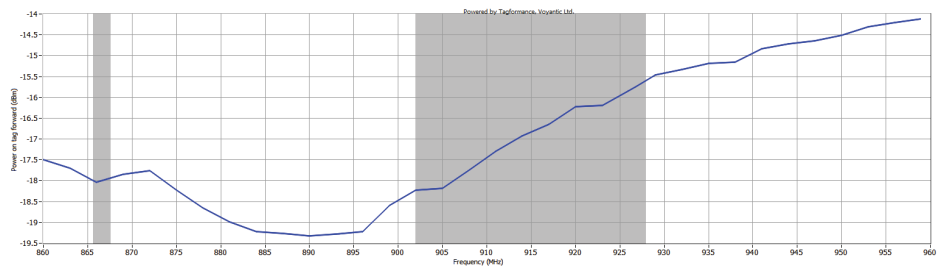
info@sml-rfid.com

RF Sensitivity Performance:

Orientation Read Range (m)



Sensitivity Results from Free Space (dBm)



Attributes	SML GB5U8 RFID Inlay
Antenna Size	42 X 24 mm [1.65 X 0.94 in]
Integrated Circuit (IC) Type	NXP UCODE8
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, I, K, M, 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