

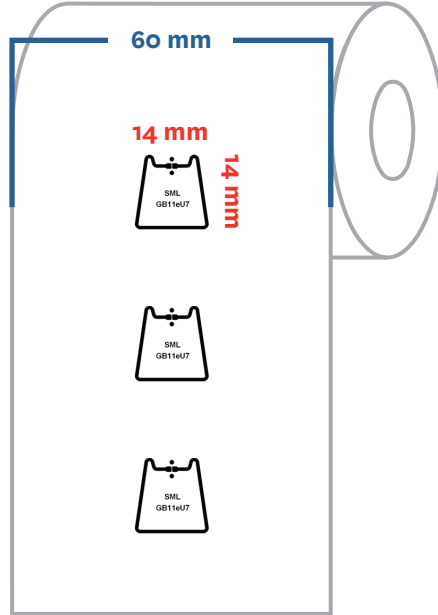
SML GB11eU7 RFID Inlay

SML RFID Product Spec Sheet

SML

Antenna Size: 14 X 14 mm
[0.55 X 0.55 in]

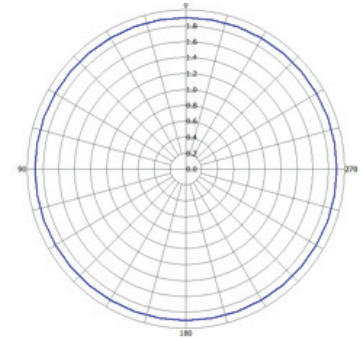
Web width: 60 mm [2.36 in]



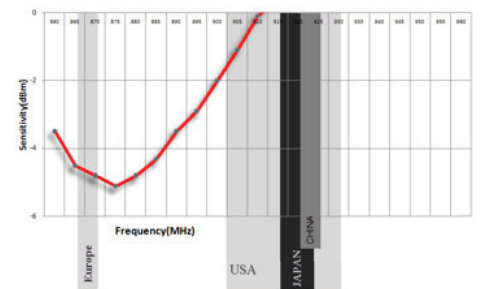
■ Web Width
■ Antenna Size

RF Sensitivity Performance:

Orientation Read Range (m)



Sensitivity Results from Free Space (dBm)



Market Applications:

- ◆ This inlay is for near field reading (very short read range). Mainly for authentication use. Ideal for tagging small items like lipsticks, makeups, passports, etc.

Key Benefits:

- ◆ Small form factor
- ◆ Omni-direction reading
- ◆ Fast encoding speed
- ◆ 96-bit unique TID with 48-bit unique serial number

For further inquiries, please contact SML RFID Team at:

info@sml-rfid.com

Attributes	SML GB11eU7 RFID Inlay
Antenna Size	14 X 14 mm [0.55 X 0.55 in]
Web Width	60 mm [2.36 in]
Integrated Circuit (IC) Type	NXP UCODE7
Operating Frequency	860 – 960MHz
RF Communications Protocol	EPC Global Class 1 Gen2 and ISO/IEC 18000-6C
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