

SML GB3R6 RFID Inlay

SML RFID Product Spec Sheet

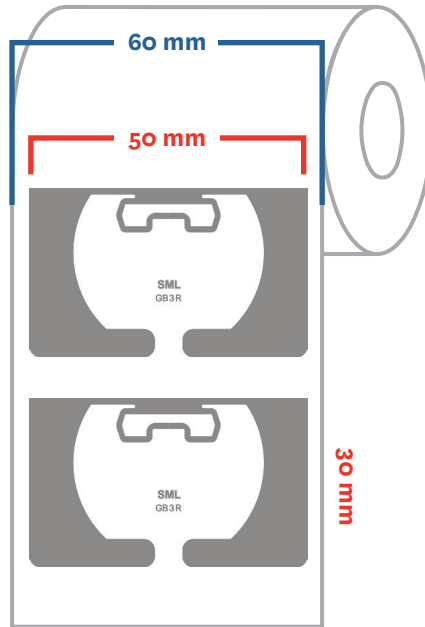
SML

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

Web Width: 60 mm [2.36 in]



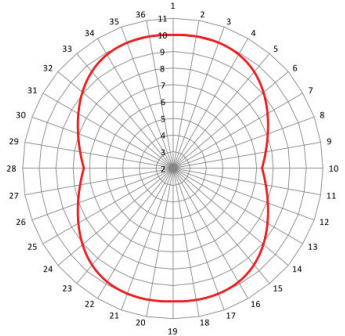
ARC APPROVED
(Auburn University)



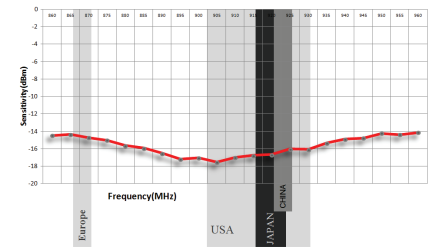
■ Web Width
■ Antenna Size PFS-GB3U7-1703A

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:

◆ Orientation Insensitive

The SML GB3 series of inlays are designed to offer enhanced levels of read range at wider angles and orientations.

◆ Improved Backscatter Performance

The return-link performance has been greatly improved for longer read ranges and improved performance in dense tag populations.

Attributes	SML GB3R6 RFID Inlay
Antenna Size	50 X 30 mm [1.97 X 1.18 in]
Web Width	60 mm [2.36 in]
Integrated Circuit (IC) Type	Impinj Monza R6
Operating Frequency	860 – 960MHz
RF Communications Protocol	EPC Global Class 1 Gen2 and ISO/IEC 18000-6C
ARC Approved Spec	Spec A, B, C, D, M, F, G, I, K, M, N, Q
Chip Memory	96 bits EPC
Inlay Substrate Material	PET
Features	Worldwide Frequency, Orientation Agnostic, Autotune™ technology
Read Sensitivity	-20.0 dBm
Write Sensitivity	-16.7 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:

info@sml-rfid.com