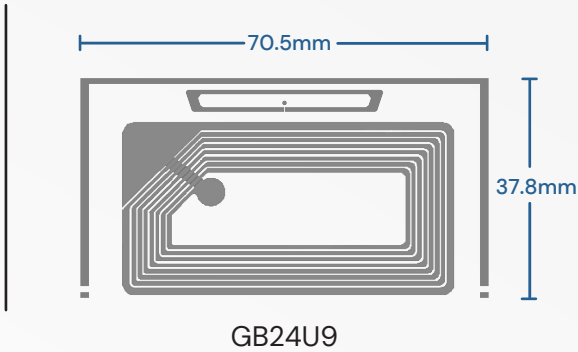# GB24U9 RFID Inlay

Applications

Inventory – Logistics – Loss Prevention

Supply Chain Management
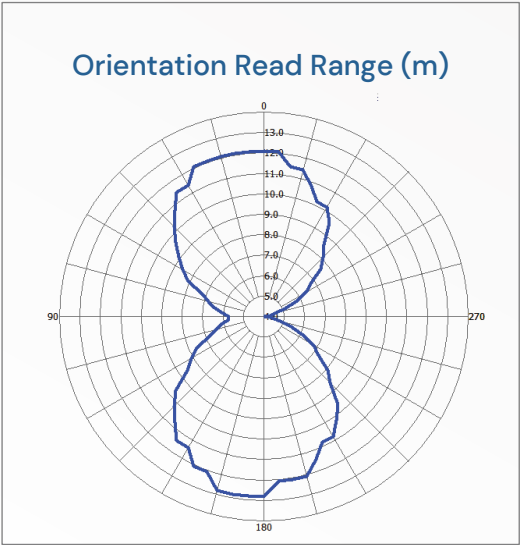
Key Benefits

✓ Pre-Serialization of 96 bit EPC   ✓ 3D Orientation Design

✓ Designed to Function with EAS
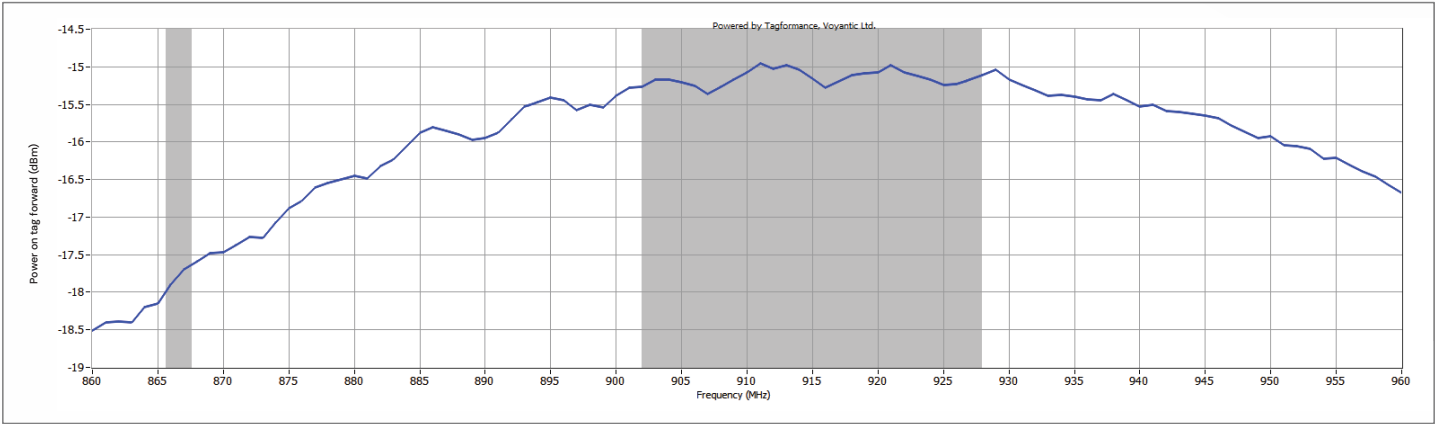
70.5mm

37.8mm

GB24U9

Technical Features

Antenna Size / Web Width	70.5 X 37.8 mm [2.78 X 1.49 in] / 90 mm [3.54 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	F, G, I, K, L, N, Q
Chip Memory	96 bits EPC
Inlay Substrate Material	PET
IC Features	Auto Adjust Technology, Brand Identifier, Pre-serialized 96bit EPC, Broad Bandwidth
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

Orientation Read Range (m)

Sensitivity Results from Free Space (dBm)

Powered by Tagformance, Voyantic Ltd.

Power on tag forward (dBm)

Frequency (MHz)

For more information, please contact us at sml.com/requestinfo.