

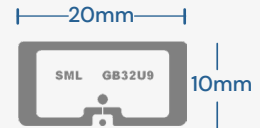
RFID Inlay - GB32U9

Applications

Medical Items - Pharma - Syringes - Vials

Key Benefits

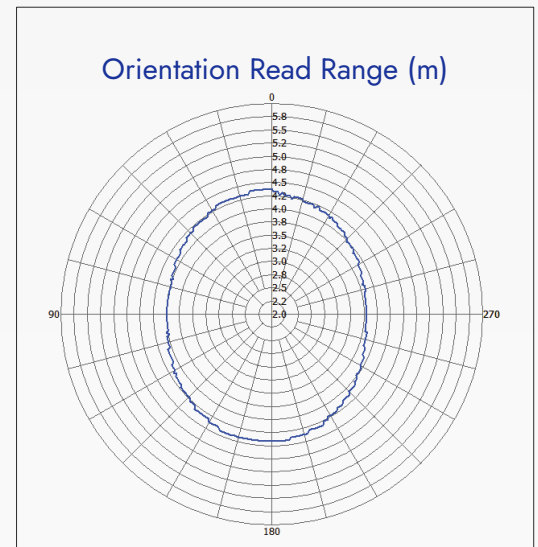
- ✓ Pre-Serialization of 96 bit EPC
- ✓ Small Size
- ✓ Supply Chain Management
- ✓ Robust Performance on Liquids
- ✓ Inventory Management



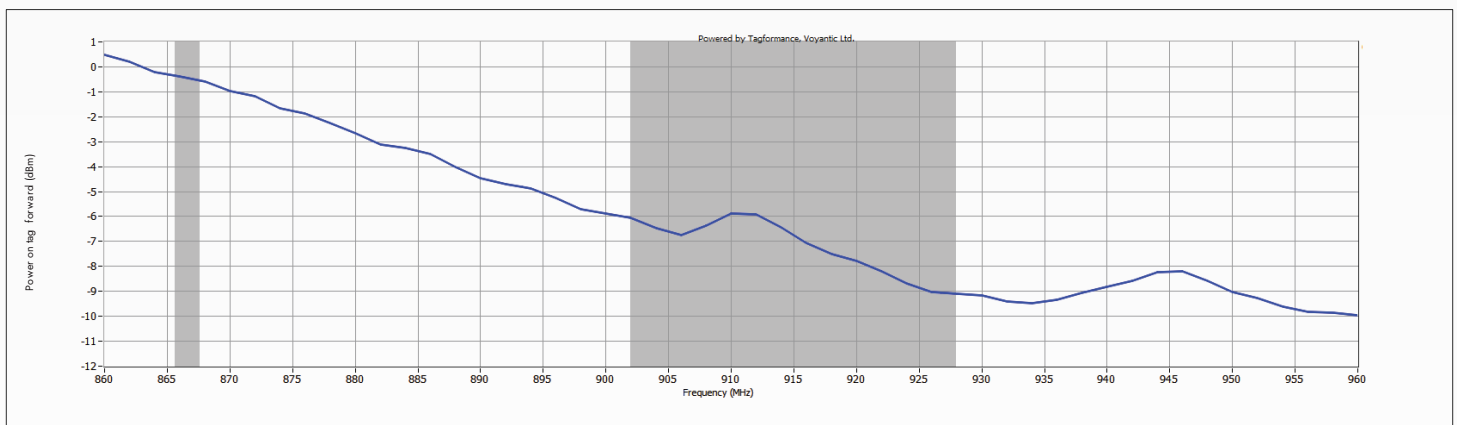
GB32U9

Technical Features

Antenna Size / Web Width	20 X 10 mm [0.79 X 0.39 in] / 40 mm [1.575 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	S
Chip Memory	96 bits EPC
Inlay Substrate Material	PET
IC Features	Auto Adjust Technology, Brand Identifier, Pre-serialized 96bit EPC, Broad Bandwidth
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



Sensitivity Results from Free Space (dBm)



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