

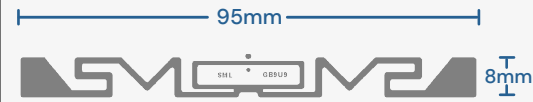
RFID Inlay - GB9U9

Applications

Apparel - Baggage - Boxed Items - Denim - Footwear - Logistics
Pallet - Polybags - Retail

Key Benefits

- ✓ Pre-Serialization of 96 bit EPC
- ✓ Robust Performance on Variety of Materials
- ✓ Excellent Performance

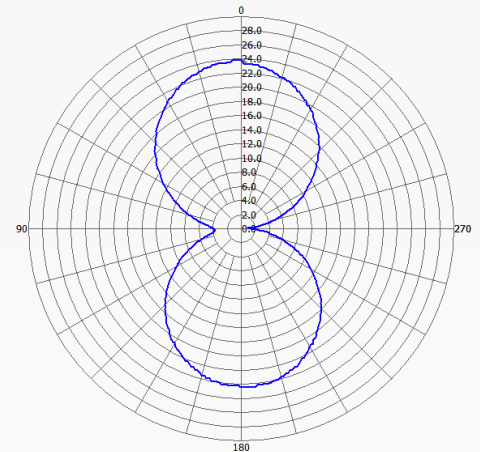


GB9U9

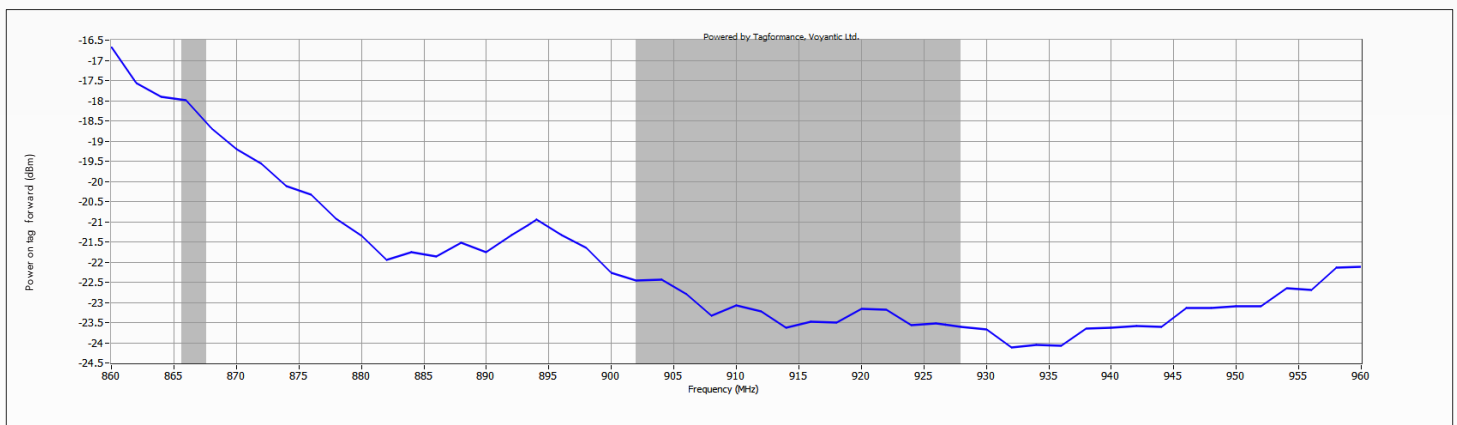
Technical Features

| | |
|------------------------------|---|
| Antenna Size / Web Width | 95 X 8 mm [3.74 X 0.31 in] / 106 mm [4.17 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 | N, Q, G, F, I, K, L, O, R, Y, W1, W2, W3, W4, W5, W6, J |
| 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)



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



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