

BSN-M742

POWERED BY IMPINJ M700 SERIES

DATASHEET

- Read sensitivity of up to -24 dBm with a dipole antenna
- Write sensitivity of up to -21 dBm with a dipole antenna
- 96 bits of Serialized TID with 48-bit serial number
- Two memory configuration options:
 - Impinj M730: 128 bits of EPC memory, 0 bits of User memory
 - Impinj M750: 96 bits of EPC memory, 32 bits of User memory
- ISO/IEC 18000-63:2015 and EPCglobal Gen2v2 compliant

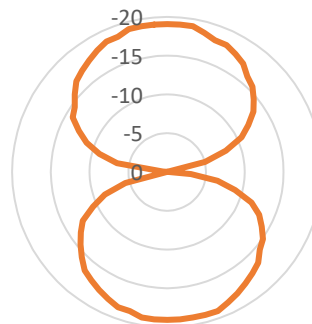
BSN M742 RFID Inlay

BSN RFID Product Spec Sheet

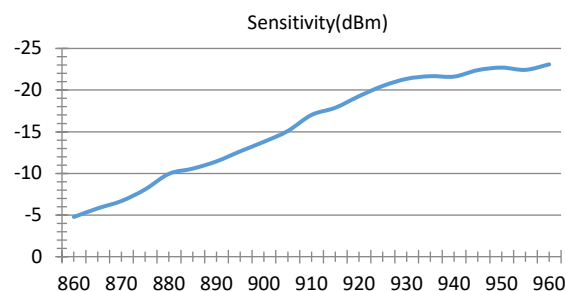
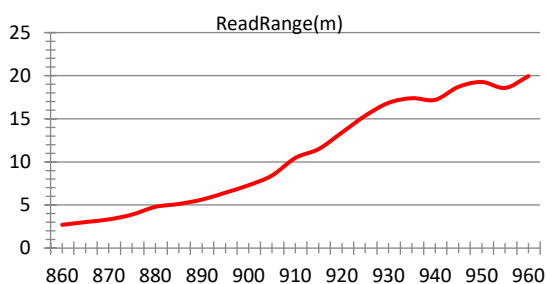


Inlay Size: 42x16mm

Web With: 57mm



— Sensitivity(dBm)



Test power: 5~30dbm; Frequency 860-960MHz; Step 5MHz&0.1dB

Market Applications:

- Apparel & Footwear
- Luxury Goods
- Food

Notes:

✎ RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics/RFID to keep environmental impact and static charge to a minimum.

Attributes	BSN M742 RFID Inlay
Operating Frequency	860MHz-960MHz
Antenna Size	42x16mm
Web Width	57mm
Integrated Circuit(IC)	IMPINJ M730 / M750
EPC Memory	128 / 96 bits
Inlay Substrate Material	PET
RF Protocol	EPC Class1 Gen2\ISO/IEC 18000-6C
Operating Temperature	-5 °C to 60 °C / 23 °F to 140 °F
Operating Humidity	20% ~ 60% RH
ESD Voltage Immunity	Max. 2000V

BSN M742 Dry Inlay Web 85mm

