

MT-249570/NRH

950-956 MHz, Near Field Reader Antenna

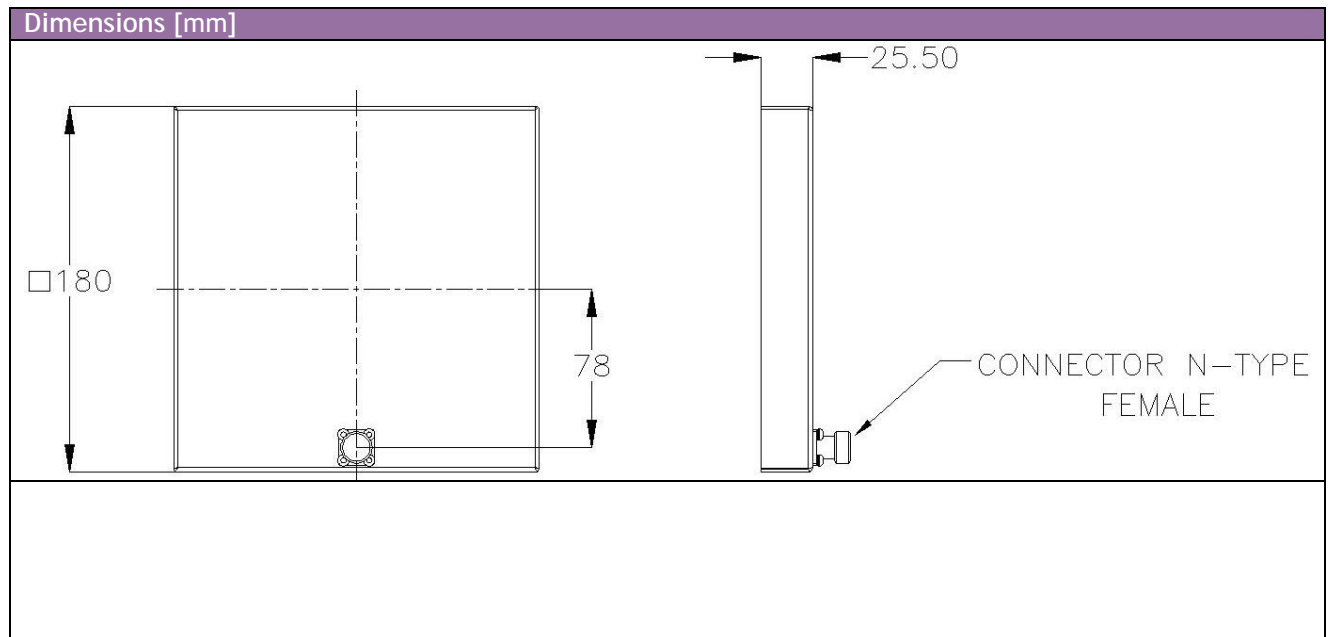


Specifications

| MTI PART NUMBER | | MT-249570/NRH | | |
|--|--|----------------|-------------|---------------|
| ELECTRICAL | | | | |
| Type of antenna | Magnetic Field Antenna | | | |
| Frequency Range | 950-956 MHz | | | |
| Reader type | (*) | | | |
| Tag type | Satellite, Neptune | | | |
| Tag orientation | Any | | | |
| VSWR | 2.0 :1 (max) | | | |
| Range (mm from Antenna Surface) | 0-500 (Satellite), 0-40 (Neptune) | | | |
| Area coverage of antenna | Full surface of Antenna (Satellite) >70% of antenna surface (Neptune) | | | |
| Polarization | CP | | | |
| Input impedance | 50 Ω | | | |
| Test power | 1 W | | | |
| Power | 2W (max) | | | |
| (*) The antenna has been tested with Impinj Speedway Reader to evaluate the Antennas. The antenna performance can be changed when using another type of reader. | | | | |
| MECHANICAL | | | | |
| Dimensions (L x W x H) | 180 x 180 x 25.4 mm (max) | | | |
| Weight | 0.8 kg (max) | | | |
| Connector | N-Type Female | | | |
| Radome | Plastic UV Resistant per ETSI 300 | | | |
| Base plate | Aluminum with chemical conversion coating | | | |
| Mounting | NONE | | | |
| ENVIRONMENTAL | | | | |
| TEST | STANDARD | DURATION | TEMPERATURE | NOTES |
| LOW TEMPERATURE | IEC 68-2-1 | 72 h | -30°C | - |
| HIGH TEMPERATURE | IEC 68-2-2 | 72 h | +55°C | - |
| TEMP. CYCLING | | IEC 68-2-14 | 1 h | -30°C +55°C |
| HUMIDITY | ETSI EN300-2-4 T4.1E | 144 h | - | 95% |
| WATER TIGHTNESS | IEC 529 | - | - | IP50 |
| DUST RESISTANCE | IEC 529 | | | IP50 |
| VIBRATION | IEC 60721-3-4 | 30 min/axis | - | Random 4M3 |
| SHOCK MECHANICAL | IEC 60721-3-4 | - | - | 4M3 |
| FLAMMABILITY | UL 94 | - | - | Class HB |

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MTI Wireless Edge is certified according to ISO 9001 and ISO 14001.

WAIVER!

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