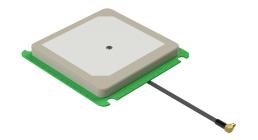


Part #: 189-00068-01



The MPA-716-915 passive antenna is an optimized high performance LoRa and Sigfox patch antenna. This antenna is perfect for projects with a smaller scope and budget. This antenna is designed for embedded applications such as automotive ISM applications, and Short range 915 MHz mesh networks. This ceramic patch has an excellent directional hemispherical radiation pattern antenna. The MPA-716-915 antenna has an interface connector (through pin solution), with RG178 and MMCX male right angle connector.



Electrical Specifications

Specification
915 MHz ± 1 MHz
920 MHz ± 3 MHz
≥ 14 MHz
-10 dB
925 MHz ± 3 MHz
≥ 16 MHz
-10 dB
≤ 1.5
+3.0 dBi typ.
-5.0 dBi typ.
≤ 5 dB
RHCP
50 Ω

Mechanical Specifications

Parameter	Specification
Antenna Dimensions	82 x 80 x 6.6 mm
Operating Temperature	-40 °C to +105 °C
RF connector	MMCX(MALE)
Cable Type	RG178
Cable length	100 mm

Features

- 915 MHz ISM Band
- High antenna performance
- Low profile
- · Adhesive mounting
- Pin connector
- Advanced Ceramic Material

Applications

- · Remote mesh networks
- · Smart metering
- IOT
- Public Safety
- · Smart sensors
- · Supply chain & logistics



