



GNSS L1 PASSIVE CERAMIC PATCH AND CHIP ANTENNAS

TE Connectivity's (TE) GNSS L1 passive ceramic patch and chip antennas offer high performance, high reliability, and various installation options in different form factors. A variety of frequency ranges are available from 1561 MHz – 1602 MHz to allow flexibility in design. The new chip antenna is one of the smallest GNSS antennas in the market. TE is your trusted antenna partner to help you complete your system design.

PRODUCT FACTS

- High performance, high efficiency
- Surface mount and through hole mount options
- 1561-1602 MHz or 1575-1602 MHz frequency range
- 50Ω
- Patch antennas
 - 25x25mm, 20x20mm, and 18x18mm and options
- Chip antenna
 - 3x1.6x0.6mm

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APPLICATIONS

- Global Navigation Satellite Systems (GNSS)
 - GPS, Galileo, and BeiDou systems
- Cellular Internet of Things (IoT) devices
- Industrial Internet of Things (IIoT) applications
- Automotive
 - Vehicle-to-everything (V2X)
 - Telematics
 - Navigation systems
- Precision surveying
- Asset tracking
- Smart home / home automation
- Miniature devices
- Telecommunications
 - Base stations
 - Wireless communication infrastructure
- Consumer electronics
 - Wearables
 - Smartphones
 - Tablets
 - Mobile devices

GNSS L1 PASSIVE CERAMIC PATCH AND CHIP ANTENNAS

PART NUMBERS

| Part Number | Part Description |
|----------------------------|--|
| L000691-01 | Passive Ceramic Patch Antenna, 1561-1602 MHz, 20x20x6mm |
| L000691-80 | Evaluation Board for L000691-01, 1561-1602 MHz |
| L000694-01 | Passive Ceramic Patch Antenna, 1561-1602 MHz, 25x25x6mm |
| L000694-80 | Evaluation Board for L000694-01, 1561-1602 MHz |
| L000695-01 | Passive Ceramic Patch Antenna, 1561-1602 MHz, 18x18x6mm |
| L000695-80 | Evaluation Board for L000695-01, 1561-1602 MHz |
| L000696-01 | Passive Ceramic Patch Antenna, 1561-1602 MHz, 25x25x6mm |
| L000696-80 | Evaluation Board for L000696-01, 1561-1602 MHz |
| L000703-01 | Passive Ceramic Chip Antenna, 1561-1602 MHz, 3.05x1.6x0.55mm |
| L000703-80 | Evaluation Board for L000703-01, 1561-1602 MHz |
| L000953-01 | Passive Ceramic Patch Antenna, 1575-1602 MHz, 18x18x4mm |
| L000953-80 | Evaluation Board for L000953-01, 1575-1602 MHz |

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