

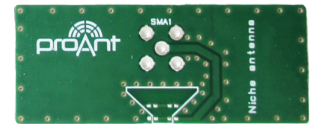
OVERVIEW

Abracón's recent acquisition of Proant provides patented technology and custom design expertise complementing the current broad antenna offering. The additional wide range of embedded and external antennas include featured products including Niche, OnBoard, InSide, Ex-It, and the Outside antennas.

Niche Antennas

The Niche series is PCB integrated antenna concept available through licensing. It is suitable for high volume projects and is available in various frequencies.

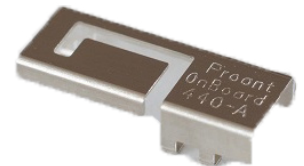
- Great efficiency
- Frequency stability
- Great suitability for potting or coating
- Freedom of placement on the PCB



OnBoard SMD Antennas

The OnBoard SMD antenna is a surface mounted sheet metal antennas based on PIFA technology. It requires no GND cutout and is well suited for efficient mass production by pick and place / reflow soldering.

- Very high efficiency
- Frequency stability
- Isotropic radiation properties
- Mixed polarization
- Space saving features



InSide Antennas

The InSide antennas are embedded antennas of PCB type with cable and connectors. Customization of cable length and connector type is available. These antennas are available in various frequencies.



Ex-It Antennas

The Ex-It antennas are external stub and foldable antennas with SMA, RP-SMA and flying lead MHF (U.FL) connection and available from 169 MHz up to 6 GHz for Cellular, BLE, WiFi, sub-GHz ISM bands.



Outside Antennas

The Outside antennas are robust wall mount antennas with through hole or wall mount option with 1 to 3 m cable and SMA connection. The Outside antennas are available for Cellular, BLE, WiFi, sub GHz ISM bands.

