

# Broadband In-building Antennas

*The MIC360° antenna range continues to grow. With the introduction of new frequency bands for 5G, MIC Nordic has diversified the product line, and extended the frequency range.*

The MIC360° in-building omni antennas allow for several different communication systems to share the same infrastructure. This saves both time and money for the building owners. In addition, the MIC360° antennas provide optimum RF performance and one of the smallest form factors on the market.

- **Omni 4-27** supports 380-2700 MHz, is 100 mm high and 41 mm in diameter.
- **Omni 4-60** supports the whole range from 380 MHz (used by Tetra) up to 6000 MHz. This makes it suitable for new bands proposed for 5G and also for high-band WiFi.
- **Omni 7-60** has been developed to further reduce the size of the antenna, allowing for very discrete installations, typically appreciated by building architects. The frequency range is 700-6000 MHz.
- **Omni 17-60** makes maximum use of electrical conduits as it can be installed inside an electrical ceiling box. The frequency range is 1700-6000 MHz.



Product name	Frequency range	Height	Description
MIC360 Omni 4-27	380-2700 MHz	100 mm	Our first generation broadband antenna
MIC360 Omni 4-60	380-6000 MHz	100 mm	New model with extended frequency range
MIC360 Omni 7-60	700-6000 MHz	70 mm	New, shorter model with a smaller ground plane
MIC360 Omni 17-60	1700-6000 MHz	70 mm	New model for the high bands with a ground plane that fits on a ceiling box

The antennas come in a multitude of variations, like colour, the size and shape of the ground plane and connection types. Please refer to the data sheet for each antenna.

#### Benefits:

- Wideband and future proof
- Smaller visible footprint
- High quality RF performance
- Low PIM
- Cost effective for multi-purpose installations

