

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 allows 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 only 100 mm high and 41 mm in diameter
- **Omni 4-60** supports the whole range from 380 MHz (used by Tetra) and all the way 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 antennas, 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 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
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

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