



## Maximise Your RF Coverage with Our New High-Gain Panel Antenna

### Description

We're excited to introduce the latest innovation in our antenna portfolio – the 766.65.16.XX series – designed to help you maximise your RF coverage and ensure reliable, high-performance connectivity where it matters most.

Higher gain means the antenna focuses RF energy more effectively, allowing you to cover larger areas with fewer sites. This reduces infrastructure costs and simplifies network planning.

This 16dBi high-gain 2.8m panel antenna covering 380-470MHz delivers superior cell coverage with stable radiation patterns in both azimuth and elevation, and minimal variation across the frequency band. The narrow vertical beam enhances pattern control and reduces multipath, giving you clearer, more efficient communication.

For sites requiring remote control of coverage patterns, a 6° electrical tilt option is available, offering even greater deployment flexibility.

The antenna housing is crafted from high-grade aluminum 5083, ensuring outstanding durability in harsh weather and marine environments. This makes the antenna an ideal choice for mission-critical networks, particularly in the public safety sector, where robust and reliable connectivity is essential for efficient operations.

Thanks to its industry-leading design, the antenna weighs only 21 kg, simplifying installation without compromising performance. Additionally, a tilt bracket for mechanical tilt adjustment between 0° and 12° is available, providing further flexibility in deployment.

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766.65.16.XX Series

# Redefining High-Gain Antennas



Launch date: April 16th – now open for orders  
Lead time: 5–6 weeks

**Your network deserves performance you can rely on. Discover how this antenna can expand your RF network and reduce infrastructure costs.**

See the attached datasheet for details.

<https://amphenolprocom.com/products/base-station-antennas/2865-766-65-16-xx>

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