

5G Active Antenna

Rail innovation through racing technology

Leveraging over 35 years of experience analysing the performance of Formula 1 cars, translating our expertise from motorsport to the rail industry.

THE NEW ERA OF RAIL CONNECTIVITY

Our Active Antenna breaks down common issues faced by the rail industry. By integrating 5G edge computing directly into the antenna, it eliminates the need for RF cables and routers, significantly reducing costs and installation time. The solution not only enhances network performance but also supports environmental sustainability by reducing emissions and fuel consumption.

CONNECTED INTELLIGENTLY

Our technology brings cutting edge 5G technology along with patented aggregated data solutions. Access bandwidth with 5x faster download speeds and 10x faster upload speeds whilst closing 80% of common blackspots on railways.

MOTORSPORT TO THE RAIL INDUSTRY

Just as in racing, precision and efficiency are at the core of what provide through our rail solutions. This experience with motorsport technology has enabled us to take an innovative approach to connected transportation.



Compliant with
ISO 9001, ISO 27001, ISO 14001, IEC 62443

Visit our product page

5G Active Antenna

Product Summary

030 096 007 002

KEY FEATURES

- Next generation 4x4 MIMO 5G and Wi-Fi connectivity.
- Powerful data processing with our EDGE compute platform which removes the need for a separate router/gateway.
- Easy setup with a single Power Over Ethernet (POE) input.
- Removes the need for radio frequency cables and splitters, simplifying installation process.
- Ensures a strong and dependable connection in cellular 5G with 4G/3G fallback.
- Stay connected as our supports dual-band connection on both 2.4GHz and 5GHz frequencies.
- Navigate accurately with our precision GNSS receiver that supports multiple satellite constellations.
- eSIM capabilities with the option for dual eSIM, offering easy connectivity.
- McLaren Applied advanced software, 'Fleet Connect' included.

TALK TO US AND FIND OUT MORE

McLaren Applied Ltd

Dukes Court, Block E, Duke Street, Woking, GU21 5BH, United Kingdom

Tel: +44 (0)1483 966 800

Email: sales@mclarenapplied.com