

INTRODUCING FP40 ULTRA - 4X4 MIMO MULTI-PORT ANTENNAS # L000434-XX

- Configurations available up to 14-ports incorporating next-generation technology
- 4G, 5G, CBRS, Wi-Fi 6E/7, Bluetooth, GNSS L1 & L5 coverage from a single antenna
- Designed for applications demanding the highest data rates and lowest latency



FP40 ultra antennas provide an all-in-one solution for LTE/5G, Wi-Fi, GNSS and Bluetooth in high bandwidth mobile connectivity applications. The product family includes multi-port solutions up to 14-ports, along with a range of connector options to suit all major vehicular gateways and routers.

KEY BENEFITS

- Configurations available up to 14-port incorporating next-generation technology
- Coverage of all LTE/5G bands (617-7125 MHz), Wi-Fi 6E/7, Bluetooth and GNSS L1 & L5
- Optimal height at only 66mm tall: Balance between aesthetics plus strong signal coverage
- L1 and L5 GNSS for improved positioning accuracy and response times
- Out of band rejection filters maintain consistent performance
- High data throughput is enabled by technologies such as carrier aggregation
- Superior gain patterns, low gain ripple, high gain at horizon and efficiency of over 70%
- UV, Flammability, Humidity, Impact, Vibration, Shock certified
- Compatible with all major routers and gateways
- Customizable connector, cable length and port configurations
- R118 compliant cables qualified for burn behavior
- Excellent On and Off ground plane performance

MARKETS

- Intelligent Transportation

APPLICATIONS

- Public Transportation
- Coaches
- Public Safety
- Utility Vehicles
- Freight / Commercial Transportation

ELECTRICAL

- Full electrical specification available in product datasheet

ENVIRONMENTAL SPECIFICATIONS

- Operating & Storage Temperature - °C (°F)
-40 to +85°C (-40 to +185°F)
- Ratings - Ingress - IP67, Shock - IEC 60068-2-27, Vibration - MIL-STD-810G, Humidity - MIL-STD-810G, 507.5, Flammability - UL94, V0 & UN ECE R118
- Material Substance Compliance -
RoHS Compliant, CE and UKCA Compliant

MECHANICAL

- Number of Ports - 4 to 14-Port Options Available
- Dimensions - hxd - mm (in.)
- 66 x 187 (2.7 x 7.4)
- Weight - g. (oz.)
- 479 - 612 (16.9 - 21.59) - Model Dependent
- Cable Length cm (ft)
- 500cm (16ft)
- Connector
- Model Dependent
- Radome
- Polycarbonate, UV (White)

LEARN MORE

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[Datasheet](#)

[Customer Presentation](#)