

MULTI-HUB 7-IN-1 ANTENNA: 5G MIMO*4/WI-FI MIMO*2/GNSS

NPI ENHANCEMENT

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molex

MULTI-HUB 7-IN-1 ANTENNA

5G MIMO*4/WI-FI MIMO*2/GNSS

The low-profile Multi-Hub 7-in-1 Antenna features 2 x LTE/5G full-band, 2 x LTE/5G high-band, 2 x Wi-Fi, and 1 x GNSS functionalities with an IP67 rating and easy mounting, and is ideal for advanced commercial vehicle and wireless applications.

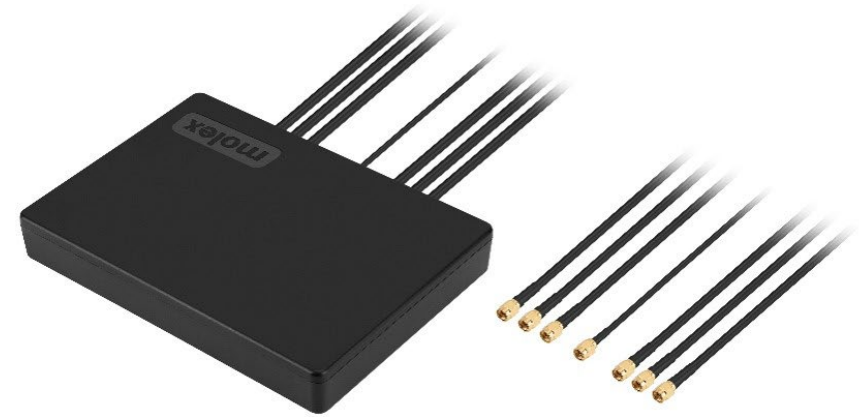
Key Product Information

PN: 217853-1000

Category: External Antennas

Subcategory: Combo Antennas

Key Features: Highly integrated off-the-shelf antenna, compact antenna design, complete functions of 5G cellular/Wi-Fi/GNSS antenna, IP67



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VITAL PRODUCT INFORMATION

Full-function combo antenna

AGVs, advanced commercial vehicles and smart transportation applications need multiple functionalities in their antennas while maintaining product miniaturization requirements.

Molex Multi-Hub 7-in-1 Antenna features powerful 5G NR 4*4 MIMO technology integrated with LTE, Wi-Fi and GNSS functions in a low-profile compact design.

Compactness with good RF performance

Meeting design requirements of high radiation efficiency over the small footprint and metal surface pose challenges.

Molex Multi-Hub 7-in-1 Antenna features a compact design and offers excellent performance on metal and non-metal surfaces.

Design flexibility

Various commercial vehicles need different antenna features, cable lengths and connectors.

Molex Multi-Hub 7-in-1 Antenna is IP67 rated with a waterproof antenna with adjustable cable lengths and connectors adjustable to FAKRA.

MARKETS AND APPLICATIONS

Commercial Vehicles

Networking
Smart vehicles
T-boxes
Specialized vehicles

Wireless Infrastructure

IoT and IT infrastructure
Advanced industry IoT

Telecommunications /Networking

Infrastructure

Applicable Industry Standards

IP67
RoHS



Automated guided vehicles



Telematics unit in automotive

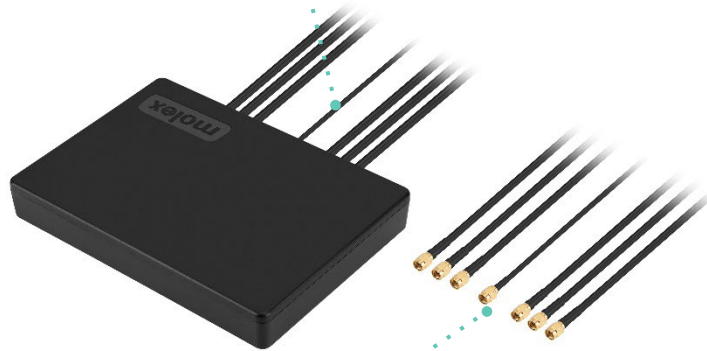


Smart infrastructure

PRODUCT FEATURES & ADVANTAGES

**7-in-1 Antenna with Built-in Cellular (LTE, 5G)
MIMO*4, Wi-Fi (tri-band)*2 and GNSS Features**

Makes it ideal for diverse and advanced
applications



SMA Connector

Facilitates adjustable cable length
and connector adjustable to
FAKRA and HFM connectors



Backside Adhesive Mounting

Makes it ideal for external
applications



THANK YOU

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