

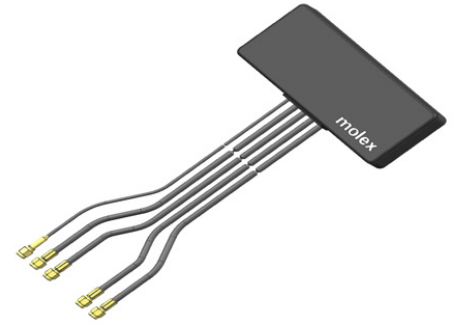
PRELIMINARY

Multi-Hub 5-in-1 Antenna (5G MIMO/Wi-Fi MIMO/GPS)



Multi-Hub 5-in-1 Antenna features 2 x 5G, 2 x Wi-Fi and 1 x GPS functionalities with an IP67 rating and easy mounting in a low-profile design, making it ideal for advanced commercial vehicle and wireless applications

Features and Advantages



Multi-Hub 5-in-1 Antenna

5-in-1 antenna with built-in cellular (LTE, 5G) MIMO *2, Wi-Fi (tri-band) *2 and GPS features
Makes it ideal for diverse and advanced applications

SMA connector

Facilitates adjustable cable length and connectors adjustable to FAKRA

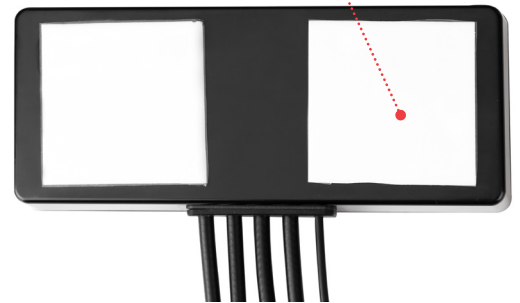


Metal surface mount

Allows mounting directly on the metal surface without compromising RF performance

Backside adhesive mounting

Makes it ideal for external applications



Compact footprint

Provides space savings

Applications

Commercial Vehicles

- Networking
- Smart vehicles
- T-boxes
- Specialized vehicles

IoT

- IoT and IT infrastructure
- Advanced industry IoT

Telecommunications/Networking

- Infrastructure/Networking

Applicable industry standards

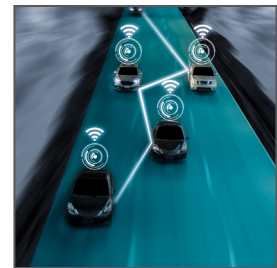
- IP67
- RoHS



Advanced industry IoT



Smart transportation



Intelligence vehicle

Multi-Hub 5-in-1 Antenna (5G MIMO/Wi-Fi MIMO/GPS)



Specifications

REFERENCE INFORMATION

Packaging: Bag/Carton
Mates With.: SMA straight cable plugs (male)
Designed In: Millimeters
RoHS: Yes

ELECTRICAL

Frequency (MHz): Cellular 5G: 698 to 960MHz;
1710MHz to 5GHz
Wi-Fi: 2.4GHz; 5GHz; 6GHz
GPS: 1575MHz
RF Power (Watt): 2.0
Return Loss (dB): See details in Product Specification
Average Total Radiation Efficiency
Peak Gain (dBi)
Impedance (Ohms): 50

MECHANICAL

See details in Product Specification

PHYSICAL

Size (mm): 155.00 by 65.00 by 20.00
(Cable not included)
Material: Refer to Sales Drawings
Operating Temperature: -40 to +85°C

Note: Molex reserves the right to delay or cancel production of the depicted product without additional notice. Please contact your Molex customer service representative for product availability.

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