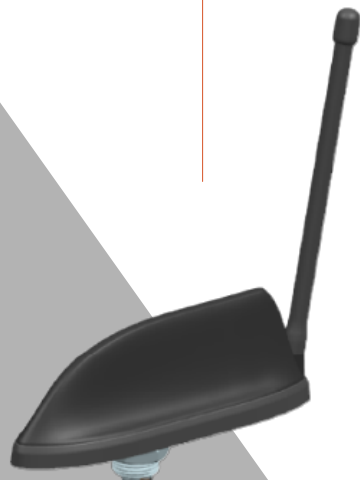


PRODUCT OVERVIEW

The **SKF5G7231DMWxxx** Series is a 7-in-1 direct-mount SharkFin antenna integrating 2×2 MIMO 5G-FR1/LTE, 3×3 MIMO Wi-Fi 6E/7, active GNSS (L1/L2/L5), and a single-band LMR whip.

Compact and weather-sealed for vehicle roofs, it enables dependable multi-network connectivity across mission-critical, fleet, and telematics platforms—covering 5G, Wi-Fi 6E/7, and single-band LMR options from 150 MHz to 960 MHz.



Quick Facts

Antenna Configuration : 7-in-1 with Whip

- 2×2 5G/LTE
- 3×3 Wi-Fi 6E/7
- 1× GNSS L1/L2/L5
- 1× Single Band LMR **NEW**

Contact & Information

For special requests (custom designs, lifetime extensions, etc.), [contact](#) regional Product Managers.



Antennas

Multi-Port Vehicular

Sharkfin with LMR Whip



Key Selling Points

Features

Customer Value

Whip Options Available

SKF5G7231DMW155: 150–160 MHz (VHF)

SKF5G7231DMW400: 380–430 MHz (TETRA)

SKF5G7231DMW470: 400–512 MHz (UHF)

SKF5G7231DMW850: 740–960 MHz (LMR/FirstNet)

Slim footprint that fits between SUV roof ribs

Simplifies installation with a single direct-mount connection

Supports current LTE infrastructure and 5G deployments

Enables high-accuracy navigation through multi-band GNSS

Optimized for next-generation Wi-Fi 6E connectivity

Target Applications

- **Public-safety and emergency response vehicles**
- **Police, fire, and ambulance fleets**
- **Fleet management and telematics systems**
- **Transportation, logistics, and asset tracking**
- **Connected and autonomous vehicle networks**
- **Smart infrastructure and V2X systems**
- **Broadband and LMR hybrid communication platforms**

Market Advantages

- Covers the full frequency range from 150 MHz to 7.1 GHz
- Modular whip options simplify regional and service-specific variations
- Performs consistently on both metal and non-metal vehicle surfaces
- Integrates high-gain GNSS amplifier for stable satellite tracking
- Remains backward compatible with Wi-Fi 5/6 and LTE networks.