



RF INTERCONNECT SOLUTIONS FOR URBAN AIR MOBILITY

As the Urban Air Mobility industry matures and scales, there is a growing need for reliable, high-performance RF interconnect that can handle the advanced technologies of UAM operations. Amphenol RF's high-bandwidth, high-speed products provide the solutions for the full range of advanced air mobility applications. With durable IP-rated options available, our connectors, adaptors, cable assemblies and IoT antennas can withstand harsh environments and protect the system from being compromised due to high vibration and extreme temperatures. From autonomous flight-control and navigation systems to infotainment and wireless connectivity, Amphenol RF's high performance solutions support the continued advancements in urban air mobility.

APPLICATIONS

- Infotainment
- Global Navigation Satellite Systems (GNSS)
- Avionics
- Camera Modules
- Radar Detection System
- Wireless Connectivity
- eVOTL Charging Station

CORE COMPETENCIES

- Waterproof IP67/68 sealed and ruggedized solutions
- Customized hybrid solutions supporting RF signal and power
- Custom camera interconnect solutions available
- Extreme weather resistant RF interconnect
- High-frequency products

PRODUCTS



2.92 MM



AUTOMATE® MINI-FAKRA



FAKRA



N-TYPE



SMA & RP-SMA



SMP



BNC



HD-BNC



MCX



SMPM



TNC & RP-TNC

EXTERNAL IP67
WI-FI ANTENNA

Also Available



FIXED LENGTH CABLE ASSEMBLIES

Pre-configured cable assemblies featuring common connector and cable configurations available in standard lengths.



ADAPTERS

Designed for applications requiring two RF interfaces (between-series or in-series) to be connected together.