

## **RELIABLE LOCKING CABLE ASSEMBLIES WITH FAKRA CONNECTORS GUARANTEE A SECURE CONNECTION IN MOBILE APPLICATIONS**

*New locking cable assemblies with FAKRA connectors designed to endure applications that create motion give engineers more freedom to design for applications as they see fit.*

**Danbury, CT** – Amphenol RF is pleased to announce the expansion of our locking cable assembly portfolio with configurations utilizing high-performance FAKRA connectors. The secure locking feature of the locking connector makes these cable assemblies require significant force to de-mate. This feature makes them ideal for demanding applications that are subject to constant motion or vibrations. The 1.37 mm cabling used on these assemblies is easily routable, and it comes in conveniently pre-configured lengths of 50 mm to 400 mm.

The FAKRA connector on the assembly allows for easy mating and de-mating and is available with the universal Z key code, ensuring comprehensive compatibility. MHF I LK locking connectors are made from durable phosphor bronze with gold plating, ensuring resistance to harsh environments. The housing of the FAKRA connector is designed from lightweight plastic and the body is ruggedized zinc alloy with nickel plating, while the contact pin is made from beryllium copper with gold plating. Quality materials used in the construction of these assemblies assures top-of-the-line performance regardless of environmental conditions.

This new assembly supports frequencies of up to 6 GHz and is engineered for demanding and innovative applications such as drones, wireless communications and robotics. It joins a growing catalog of locking cable assemblies available as off-the-shelf solutions.

### **About Amphenol RF**

Amphenol RF, an Amphenol company, is a leading manufacturer of coaxial connectors for use in radio frequency, microwave, and data transmission system applications. Headquartered in Danbury, Connecticut, USA, Amphenol RF has global sales, marketing and manufacturing locations in North America, Asia and Europe. Standard products include RF connectors, coaxial adapters and RF cable assemblies. Custom engineered products include multi-port ganged interconnect, blind mate and hybrid mixed-signal solutions. For more information, visit: <https://www.amphenolrf.com>

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