

REDUCE INTERFERENCE IN HIGH-VIBRATION ENVIRONMENTS WITH LOCKING IP67-RATED CABLE ASSEMBLIES

Amphenol RF introduces pre-configured waterproof IP67 SMA cable assemblies designed on flexible coax-cable types for a rugged solution in high-vibration environments.

Danbury, CT – Amphenol RF is pleased to introduce additional configurations in the SMA locking cable assemblies series. These pre-configured assemblies are designed on flexible micro-coax cable types and feature the I-PEX MHF® I Locking interface on the opposite end. These waterproof IP67-rated SMA assemblies provide a secure connection in environments where vibration resistant RF interconnects are required such as drones, automotive and robotics applications.

SMA to MHF® I LK cable assemblies offer reliable electrical performance up to 6 GHz in a flexible, low profile package. SMA connectors, which utilize a threaded coupling mechanism, are machined from gold-plated brass. The MHF® I LK connector, which is engineered with a proprietary locking mechanism, is manufactured from gold-plated phosphor bronze. These materials ensure high electrical conductivity for superior performance and aids the SMA connector in maintaining its bulkhead seal, which prevents dust and water ingress.

The IP67 SMA locking cable assemblies are available various standard lengths from 50 to 400 millimeters with custom lengths are available upon request. They join a robust portfolio of ultraminiature cable assemblies that meet the growing demand for miniaturization and high-frequency data transmission 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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For Further Information, contact:

Tyler Overton, Amphenol RF
Senior Product Specialist
+1 (203) 796-2018
toverton@amphenolrf.com

Press Inquiries:

Hayden Herrera, Amphenol RF
Marketing Communications Coordinator
+1 (203) 796-2147
hherrera@amphenolrf.com

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