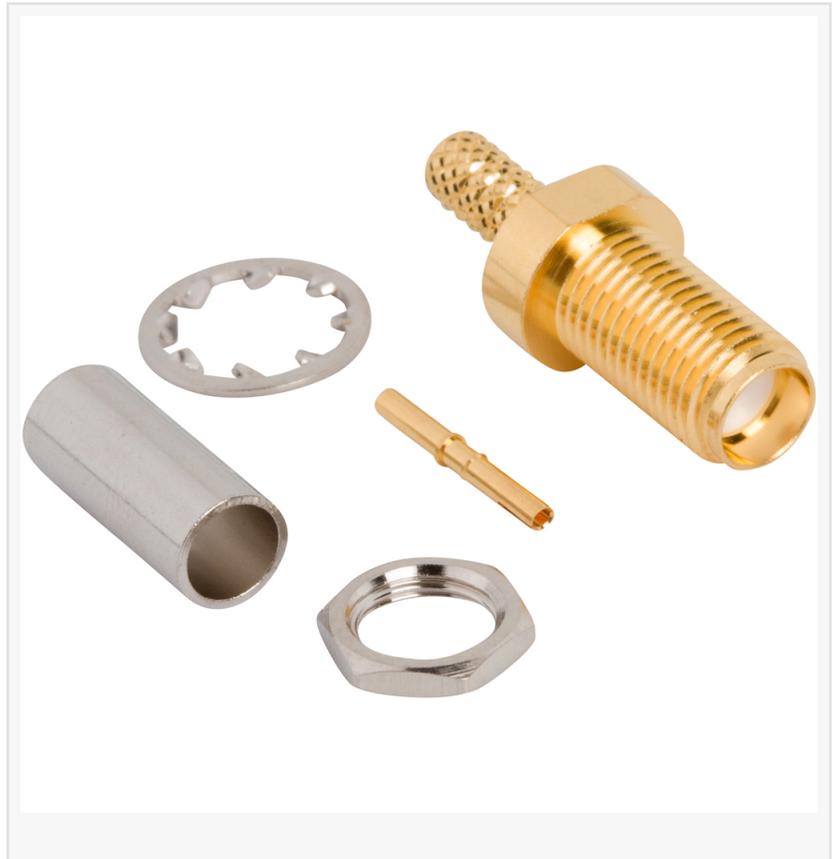


# Expand Automotive Test Capabilities with Low Loss SMA Connectors

*Amphenol RF expands its SMA offerings with options designed specifically for TFC-302LL and similar low loss cable types.*

DANBURY, CONNECTICUT, UNITED STATES, May 7, 2021 /

EINPresswire.com/ -- Amphenol RF is pleased to announce the [expansion of its SMA product series](#) with 50 ohm connectors optimized for low loss TFC-302LL cable. This lightweight, compact and vibration proof interface is available in bulkhead jack, straight jack, straight plug and right angle plug configurations. These connectors are ideal for applications where low return loss is necessary such as automotive testing, wireless systems and IoT solutions.



The SMA interface supports frequencies up to 18 GHz ensuring optimal performance through 6 GHz, the cut-off frequency of the cable, and utilizes the popular threaded coupling mechanism. All designs feature crimp termination, which allows for quick and secure assembly and uses standard hex crimp tooling, and a soldered center contact. These SMA configurations are machined from brass with either nickel or gold plating.

These SMA connectors are designed to terminate to TFC-302LL cable, manufactured by Times Fiber communications, a division of Amphenol. This cable offers reliable electrical and mechanical performance with a stranded center conductor and the same low loss capabilities as traditional SMA connectors. Similarly, these connectors can be used with Leoni Dacar 302 and comparable cable types, all of which are highly flexible and feature stable impedance and low signal attenuation.

Learn More: [SMA Connectors Optimized for TFC-302LL](#)

Amphenol RF 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.

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