Expand Outside Safely With IP67 SMA Bulkhead Cable Assemblies

Amphenol RF expands its SMA cable assembly options with waterproof IP-rated configurations designed on RG-316 coaxial cable.

DANBURY, CT, UNITED STATES, February 8, 2022 /EINPresswire.com/ -- Amphenol RF is pleased to expand our cable assembly portfolio with additional pre-configured SMA options to support designs that require a more ruggedized, waterproof solution. These new SMA assemblies utilize a bulkhead jack on one end that is fully tested to IP67 specifications in both the mated and unmated condition. They are designed on flexible RG-316 coax cable which is ideal for low loss applications such as those in the industrial and IoT verticals.

These 50 ohm IP67 SMA cable assemblies offer reliable electrical performance up to 3 GHz. They feature lightweight and durable connectors for usage in a variety of outdoor and indoor applications. The SMA connectors are manufactured using gold-plated, brass bodies with gold-plated, beryllium copper contacts and are available in straight or right-angle plug to jack configurations. The SMA interface uses a threaded coupling mechanism that ensures secure mating resulting in built-in vibration resistance.

The new cable assemblies are part of a broad portfolio of sealed IP67-rated products that provide additional protection against external weather-related elements. Fixed length assemblies such as these offer a durable solution for harsh environments which is a combination of the more ruggedized connectors and the robust cable type. Additionally, the RG-316 cable has a small diameter that makes these assemblies suitable for wireless communication, broadcast and military equipment.

For more information: [IP67 SMA Cable Assemblies Datasheet](#)

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