

Optimize Space With Mini-FAKRA To IP67 FAKRA Automotive Interconnect Cable Solutions

Amphenol RF introduces AUTOMATE Type A mini-FAKRA breakout cables with waterproof IP67 FAKRA terminated to low-loss RG-174 cable.

DANBURY, CT, UNITED STATES, February 23, 2023 /EINPresswire.com/ -- Amphenol RF is pleased to expand our [AUTOMATE Type A mini-FAKRA breakout cable line](#) with additional connector configurations and cable types. The cable assemblies combine industry-standard FAKRA connectors with next-generation Mini-FAKRA. This combination allows for a compact solution at the compute module, an industry standard sealed solution at the connected device with a max frequency of 3 GHz for automotive and industrial applications such as compute modules, camera systems and warehouse robotics. This assembly creates a waterproof seal at the connected device for added versatility.



Mini-FAKRA breakout cables feature the universal Z code AUTOMATE mini-FAKRA and four IP67 FAKRA connectors which will mate with all other key codes. The FAKRA connectors are manufactured with internal and external o-rings to prevent dust and water ingress which makes them ideal for use in areas that may be exposed to weather-related elements or industrial fluids. Adhesive-lined shrink tubing has been applied to protect the termination area of all four FAKRA connectors. The mini-FAKRA and FAKRA connectors are optimized for the flexible RG-174 LL cable which is engineered with a stranded copper-clad steel conductor to provide low-loss performance.

Both the AUTOMATE Type A Mini-FAKRA connector and four traditional FAKRA connectors

utilized in this cable assembly configuration feature rugged impact resistant construction. The AUTOMATE connector is designed with a closed entry cable interface which limits the size of mating parts to prevent contact damage when mating. These connectors feature low engagement forces for secure mating and installation.

Learn More: [AUTOMATE Mini-FAKRA to IP67 FAKRA Breakout Cable Assemblies Datasheet](#)

About Amphenol RF

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. For more information, visit: <https://www.amphenolrf.com>

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