

Enhance Performance with New SMP Connectors and Terminators

Amphenol RF expands its SMP offerings with high frequency commercial products and the introduction of terminators.

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/EINPresswire.com/ -- Amphenol RF is pleased to announce the expansion of the SMP product series with [enhanced performance connectors](#) and the introduction of terminators. SMP connectors are ideal for telecommunications and military applications which require compact, board-to-board RF interconnect.

These commercial products utilize the standard SMP interface and provide a high frequency solution that offers reliable performance up to 20 GHz.

Higher frequency performance can be reached through PCB optimization analysis using readily available HFSS 3D models. They are constructed using machine brass bodies and contacts on all receptacle interfaces, and available in both smooth bore and limited detent mating configurations.

[SMP terminators](#) are designed to reduce RF leakage that may occur when interfaces are left open in order to improve performance. These terminators are manufactured with gold plated bodies and contacts, and LCP insulators. The plug version uses beryllium copper for the contact. Terminators are used in any application that you would find an SMP connector such as quantum computing and test and measurement designs.

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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