

ACHIEVE RELIABLE HIGH-DENSITY CONNECTIONS IN TIGHT SPACES WITH THE NEW SMP TO SMPM ADAPTER

Amphenol RF minimizes design complexity by bridging SMP and SMPM interfaces in a new coaxial adapter configuration without compromising signal integrity.

Danbury, CT – Amphenol RF is pleased to announce the expansion of our coaxial adapter portfolio with a new SMP straight plug to SMPM straight plug adapter offering high-frequency performance in a low-profile package. This compact adapter is designed to ensure consistent reliability between SMP and SMPM interfaces. A push-on coupling mechanism guarantees frictionless mating and unmating in space-constrained applications such as test equipment, radar systems, high-speed computing and communication network equipment.

Operating at frequencies of up to 40 GHz, the 7.24 mm length SMP to SMPM adapter features a gold-plated beryllium copper body and contact, and a natural PTFE insulator. The unique design of the adapter allows customers to switch between interfaces, offering engineers more versatility with their design choices. The adapter offers radial and axial float to accommodate for misalignment if used with SMP or SMPM board mount connectors.

This SMP to SMPM adapter joins our growing adapter portfolio as an off-the-shelf solution for innovative and demanding RF applications, and is compatible with all industry-standard SMP and SMPM interfaces.

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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