

For Immediate Release

Mouser Electronics Stocks 5G Interconnect Solutions from Amphenol SV Microwave

January 31, 2019 – [Mouser Electronics](http://www.mouser.com), Inc., the New Product Introduction (NPI) leader empowering innovation, stocks a wide variety of 5G-capable interconnect solutions from [Amphenol SV Microwave](http://www.amphenol-sv.com). 5G cellular communications promises to transform the Internet of Things (IoT) through more data, better reliability, and broader connectivity. SV Microwave high-frequency interconnect products, available from Mouser Electronics, enable designers to start product development for these upcoming changes.

Amphenol SV Microwave [3 mm board-to-board interconnects](#) feature 3 mm board-to-board spacing and 0.15" (3.81 mm) minimum pitch between adjacent connectors. These connectors offer a frequency range from DC to 40 GHz and provide an ultra-low stacked board-to-board high-frequency coaxial connection system.

SV Microwave's [Mini-D connection system](#) offers high-frequency RF performance up to 67 GHz with a high-density design and proven SMPS interface. The SMPS interface is recessed from the D-sub housing to protect from damage. The keyed D-sub design helps engineers avoid mis-mating while thumbscrews allow for easy mating and unmating.

[LiteTouch solderless](#) coaxial and surface-mount connectors meet the need for high-performing, highly reliable solderless connectors for precision thin substrate mounting. SV's LiteTouch PCB connectors, available in 2.92 mm, 2.4 mm, and SMA configurations, maintain a solderless connection on thin dielectric PCB substrates of less than 0.01" while keeping the board material intact.

Amphenol SV Microwave [solderless PCB edge launch connectors](#) feature a solderless compression mount for fast and easy installation. The connectors are available in SMA, 2.92 mm, 2.4 mm, and 1.85 mm options and are adjustable for multiple PCB thicknesses with minimal reflections through an impedance-matched PCB launch.

SV Microwave's [tin-dipped surface mount and edge launch connectors](#) prevent rust, corrosion, and oxidization and enable fast and easy soldering while also increasing solder joint durability. Mouser also stocks a wide variety of SV Microwave's [RF cable assemblies](#) in both semi-rigid and flexible options. The high-performance, cost-effective cable solutions are available with SMA, SMP, SMPM, and 2.92 mm connectors that support frequency ranges from DC to 40 GHz.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 750 manufacturers. Mouser offers 23 support locations around the world to provide best-in-class customer service and ships globally to over 600,000 customers in more than 220 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About Amphenol SV Microwave

Amphenol SV Microwave is a leader in the RF microwave industry. SV Microwave designs and manufactures RF connectors, cable assemblies and passive components. With over 40 years of proven performance, SV Microwave manufactures a very broad range of RF and microwave products that are used in the military, satellite, aerospace and telecommunication industries where performance, reliability and durability matter.

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