



MEDICAL EQUIPMENT

Samtec's high-speed, high power, and RF cables and connectors are immediately available for medical equipment applications where consistent performance is critical. OEMs frequently select Samtec interconnect products due to their high-performance and quick customization options. For more information, including footprints and test reports, visit Samtec.com/medical-equipment or email sig@samtec.com.

Product Features & Benefits

- Industry-leading performance
- High-reliability/rugged contact systems
- Flexible/customizable
- High power interfaces
- Non magnetic options available
- Rapid ruggedizing, customization, and testing options

Design & Development Support

- RF technical support for launch optimization, simulation and test & measurement
- Extensive testing initiatives that surpass typical industry standards and specifications
- Industry-leading component and system-level engineering expertise



RF DESIGN, DEVELOPMENT & TECHNICAL SUPPORT

Samtec offers high-quality RF products from design and fabrication to technical support.

- Launch optimization & design services
- Simulation
- Prototyping
- Physical test and measurement verification

Contact Samtec's RF Group at RFGroup@samtec.com for assistance.

EXTENDED LIFE PRODUCT™

E.L.P.™ products are tested to rigorous standards that evaluate contact resistance in simulated storage and field conditions, including:

- 10-Year Mixed Flowing Gas (MFG)
- High Mating Cycles (250 to 2,500)
- Certain plating and/or contact options will apply

Visit samtec.com/elp or contact ASG@samtec.com.

EVALUATION & DEVELOPMENT KITS

Samtec-designed kits simplify the interconnect design process and reduce time to market.

Kits are tested and verified by Samtec's signal integrity experts before customer delivery.

Visit samtec.com/kits or contact KitsAndBoards@samtec.com.

ONLINE TOOLS

Solutionator®: Quickly build mated connector sets or design full cable assemblies



samtec.com/rf-cablebuilder



samtec.com/flex-solutionator



samtec.com/hsb2b-solutionator

Picture Search: Browse through Samtec's most popular products to find the ideal solution

samtec.com/picturesearch

Downloadable Resources: Immediate and unlimited access to select the right solution – 3D models, prints and footprints, test reports, white papers and more

samtec.com

INTERCONNECT SOLUTIONS

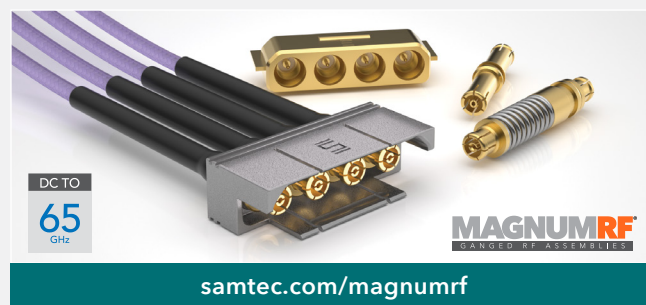
Precision RF

Cable assemblies, cable connectors, board connectors and adaptors for 18 to 130 GHz high frequency, microwave and mmWave applications with full system support.



Ganged Multi-Port RF Solutions

Ganged, multi-port SMPM blocks and cable assemblies in a miniature, high-density design with mode free operation up to 65 GHz for mmWave applications.



Ultra Micro Power

mPOWER® offers 40% space savings vs. traditional power interconnects with up to 10 power blades for board-to-board, cable-to-board and cable-to-cable applications.



EXTreme Ten60Power™

Samtec's EXTreme Ten60Power™ 60 amp power connectors feature a modular high power and signal combo for mid-board or backplane applications.



High-Speed Edge Card Systems

Choice of pitch, orientation, and pin count with optimized signal integrity performance to 64 Gbps PAM4 and PCIe® solutions.



Flexible Stacking Systems

Samtec offers the industry's largest variety of board stacking interconnects, available in a variety of pitch, density, stack height, orientation, and contact system options.



Visit samtec.com to view our full line of interconnect solutions.

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