



POC PATIENT MONITORING

Customers choose Samtec solutions for point of care and monitoring systems for their high-reliability, biocompatibility, high speed, and low latency. Samtec is ready to help implement your patient monitoring and point of care medical designs with industry leading interconnect performance; miniaturized, hermetically-sealed microelectronics; quick-turn customization; and expert design assistance. For more information, including footprints and test reports, visit

Samtec.com/poc-and-patient-monitoring or email sig@samtec.com.

Product Features & Benefits

- Small form factors/ultra-high densities
- High-reliability in dynamic patient environments
- High frequency/low latency systems
- Industry standard solutions
- Signal integrity-optimized solutions

Design & Development Support

- RF technical support for launch optimization, simulation and test & measurement
- Industry-leading component and system-level engineering expertise
- Free online tools & resources: 3D Models, Prints, Picture Search & Solutionator product builders



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.

SIGNAL INTEGRITY SUPPORT

Samtec is the industry leader in Signal Integrity. Our mission is to help you attain full system optimization - from Silicon-to-Silicon™.

- Full channel analysis
- System optimization recommendations
- PDN simulations
- Advanced product design support

Visit samtec.com/sig or contact SIG@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/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

Ultra Micro Interconnects

Ultra-fine pitch connectors with low profile and slim bodies including self-mating interfaces with high-retention Razor Beam™ contacts.



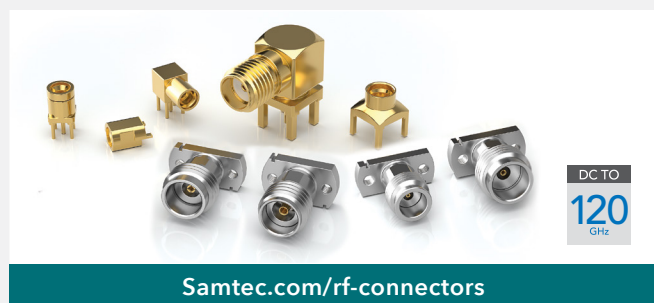
Glass Core Technology

Glass is quickly becoming recognized as a viable and vital solution in the evolution of high-performance, high frequency connectivity for medical applications due to its biocompatibility.



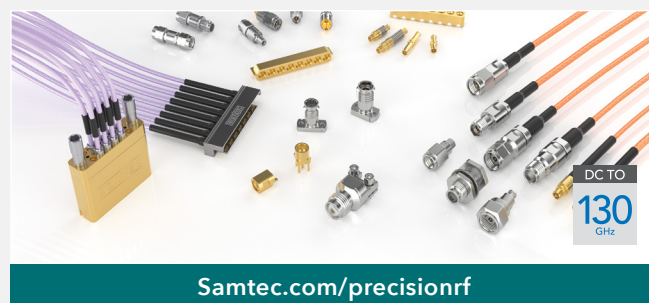
RF Compression Mount Connectors

1.00, 1.35, 1.85, 2.40 and 2.92 mm vertical and edge launch solderless compression Precision RF interconnects to 120 GHz, with alignment features for peak connector performance.



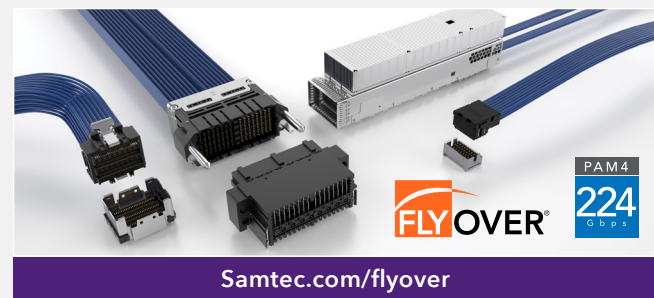
Precision RF

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



Flyover® Cable Systems

Extended signal reach and density to achieve next gen speeds by routing signals via ultra low skew twinax cable vs. lossy PCB for panel, mid-board and backplane applications.



Non Magnetic RF Interconnects

Samtec has a wide variety of non magnetic Microwave and RF interconnects. Dimensions and footprints are identical to standard products, enabling boards to be reused if device upgrades are required.



Visit [samtec.com](https://www.samtec.com) to view our full line of interconnect solutions.