



COMPANY OVERVIEW





About MiniRF, Inc.

MiniRF is a new name for a passive component company with over 20 years of design and manufacturing experience. The company was originally formed by PDI (Premier Devices Inc) in the early 1990's, was acquired by Sirenza Microdevices in 2006 which in turn was acquired by RFMD in 2007. MiniRF has returned to its roots, focusing strictly on passive components.

MiniRF is dedicated to providing quality RF passive components at competitive prices for existing and emerging Broadband/CATV and Wireless Communications Systems. MiniRF is a proven leader in supplying high performance surface mount passive components. MiniRF components are found in the products of many of the world's largest suppliers of communications products with nearly a billion units shipped.

MiniRF designs and manufactures both standard and custom transformers, couplers, splitters, mixers and chokes. We specialize in delivering quality surface mount passive components and devices. A ferrite core is found in almost every MiniRF product. The performance of MiniRF's product depends on the magnetic properties of the core and its interaction with the wire wrapped around it. Winding cores is a specialized manual process and therefore labor intensive. RF performance will vary with minor differences in how the wire is wound to the core, so careful attention to manufacturing detail is documented from sourcing materials all the way through testing. All MiniRF manufacturing facilities are ISO9001 certified.

The market for wire wrapped ferrite based RF components is very competitive so attention to material cost and tight management of our processes are important. The management team understands this and is committed to deliver volume quality products at competitive prices.

**1.2ghz/3.0ghz
Frequency
Components
Available**



Couplers
Transformers
Splitters
Chokes

Global RF Passive Component Provider

Global Experience with Local Design Expertise

MiniRF surface mount Couplers, Transformers, Splitters and Chokes are found in global manufacturers of RF communications equipment delivering high performance video , voice and data worldwide.

MiniRF has designed countless models and manufactured hundreds of million devices over its history. Our twenty five years of seasoned experience aids in our ability to develop the right passive solutions for your RF circuit design. What sets us apart from other manufacturers is our ability to provide rapid custom design solutions in volume at a cost not significantly higher than our standard products. Additionally, the team at MiniRF is also easy to work with and our products offer some of the smallest and lowest profiles in the industry!

Custom designs are developed locally in the US, and are based on well proven platforms for rapid prototyping and customer feedback. Designs are then transferred to pre-production in our factory for manufacturability of the product. Please contact your local sales representative with your special requirements or contact us directly at: sales@MiniRF.com

Your solution is merely a phone call away!

ISO 9001 Manufacturing Operations/100% Testing

MiniRF manufacturing operations are in multiple overseas facilities that have been operating for nearly 25 years. These facilities have been manufacturing passives under the strict guidelines and our mission of Quality without Compromise! The facilities are ISO9001 certified and utilized skilled experienced assembly operators. All products are Lead Free and RHOS compliant. Every product on the manufacturing line undergoes 100% RF testing before shipment. Calibration schedule of manufacturing and test hardware is strictly adhered to. MiniRF materials and operational management enable our shorter than Industry- lead times. Products are available in 13" tape and reel with 1000pcs standard quantity. For any quantity over 100pcs, we also offer custom quantity tape and reel.

Surface Mount Couplers



MiniRF produces miniature couplers designed for applications that require small, low cost, and highly reliable surface mount components. Coupler applications may be found in Broadband/CATV Communications Systems. A number of surface mount packaging options are available including: S06, S18, and S20 packaging styles.

Surface Mount Splitters

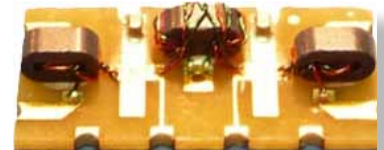
MiniRF produces 1Ghz and 4-Way bandwidth miniature 0° two way power splitters designed for both 50Ω and 75Ω applications which require small, low cost and highly reliable surface mount components. Applications include Broadband, CATV, and Wireless communications systems.



NEW! 4-way Passive Splitters

MiniRF announces its latest design and sampling for its 4-way splitter, model MRFSP0012. Covering the common CATV bandwidth of 5 to 1002MHz, the MRFSP0012 replaces three, 2-way splitters commonly used to achieve a 1 to 4 split thus saving board space, reducing part count and offering easier design configuration. Additionally, the MiniRF MRFSP0012 offers a cost savings over comparable performing, multi-splitter topologies.

Mid-band insertion loss is typically 0.75dB with 25dB isolation. Amplitude balance is typically <0.1 dB while phase balance is typically <1 degree with a maximum of 2.0 degrees. A 75 ohm characteristic impedance makes the MiniRF MRFSP0012 ideal for Broadband/CATV applications. The MRFSP0012 comes on a castellated, surface mount board measuring 0.25x0.50x0.07 inches.



Chokes



MiniRF also produces miniature RF Chokes for a variety of Broadband/CATV applications. Please contact us with your specific requirements and applications.

Surface Mount Transformers



MiniRF produces miniature transformers for designs which require small, low cost, and highly reliable surface mount components. Both 50Ω and 75Ω applications are supported in the product offering. Impedance ratios of 1:1, 1:4, 1:8, 1:16 are typical in support of applications in broadband, wireless, and other RF communications systems.

Global RF Passive Component Provider



MiniRF

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