

High-Reliable Components

Product Overview

AEROSPACE, SECURITY & DEFENCE





Company Profile

About Rosenberger

Rosenberger, a family owned company, is one of the world's leading manufacturers of impedance-controlled connectivity solutions in high-frequency, high-voltage and fiberoptic technology. Renowned companies in high-tech industries trust the precision and quality of Rosenberger products, e.g. mobile communication networks, data centers, test & measurement industries, automotive electronics, industrial and medical electronics, or aerospace engineering.

Worldwide, the Rosenberger group operates a global network of R&D, manufacturing and assembly locations as well as Rosenberger sales offices in Europe, Asia and North and South America where more than 11,300 employees develop, produce and sell our products.

The Rosenberger online catalog contains the current product range with specific details, including data sheets, assembly instructions and panel piercings.

www.rosenberger.com/ok





Sales

Europe

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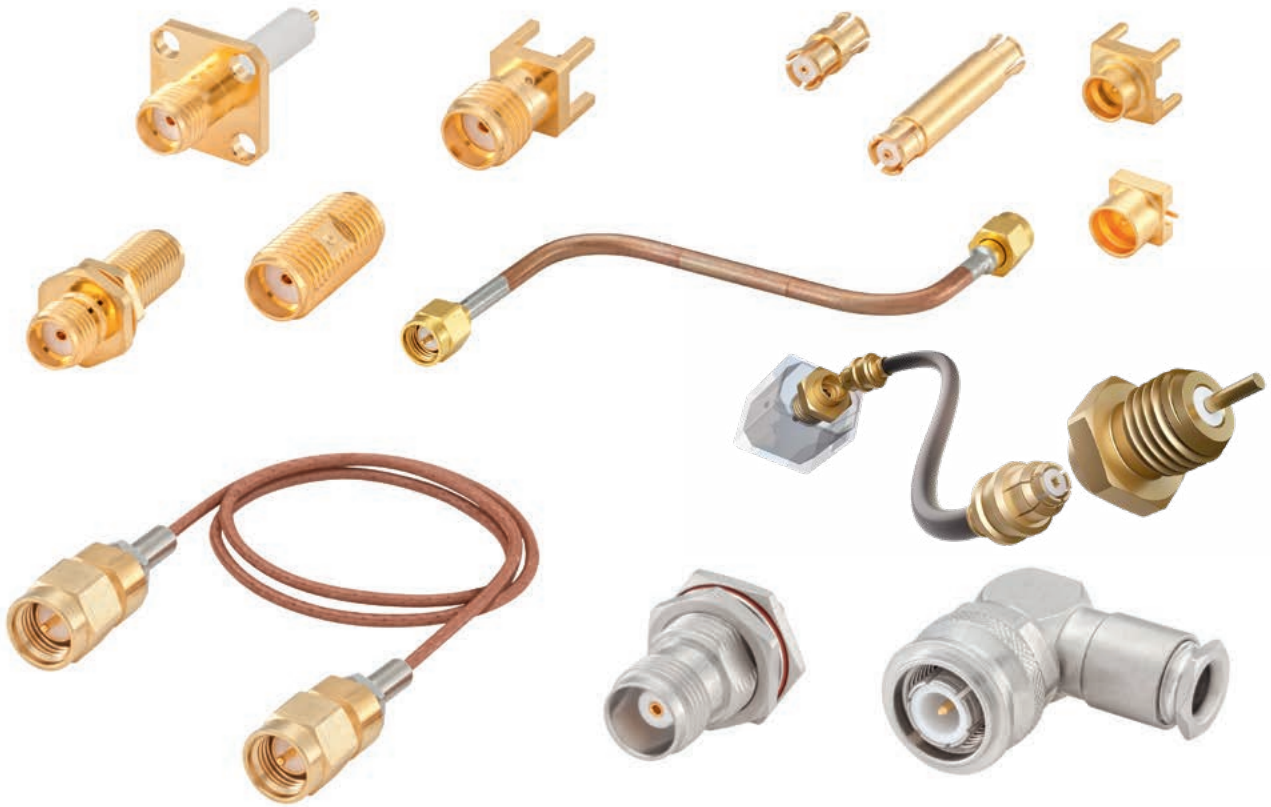
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Product Portfolio

Aerospace, Security & Defence

Rosenberger provides a comprehensive product portfolio fulfilling the high demands on manufacturing, assembling, quality management and testing which are a must for reliable suppliers to the aerospace, security and defence industry.

With most modern analysis, test and simulation equipment in our EMC laboratory, and the long-term know-how and expertise of our specialists, design engineering and development of all Rosenberger products is accompanied by our test laboratory – from prototype to series production.

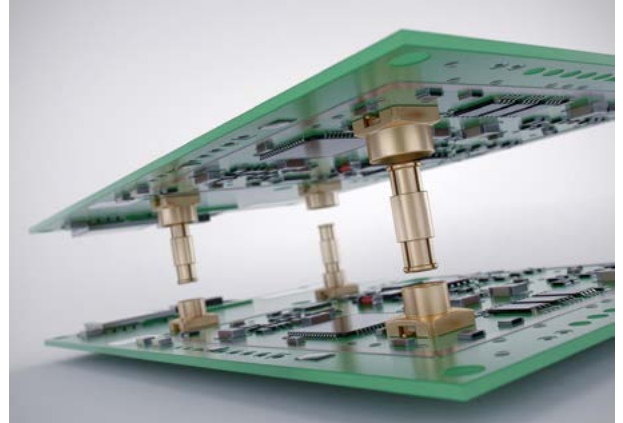
The components are manufactured, assembled and tested at our headquarters in Germany. To ensure the highest level of quality, the products are assembled in our clean room, class 8.





RF Coaxial Connectors

- Comprehensive range of coaxial connectors up to 110 GHz
- All common series, e.g. SMA, SMP, Mini-SMP, WSMP, N, TNC, RPC-SP (BMA), RPC-2.92, RPC-1.85
- SMP Infinity – one-step-locking mechanism
- Waterproof and hermetic sealed connectors



RF & Microwave Components

- Terminations
- Attenuators
- Mismatches
- Waveguide-to-coaxial adaptors
- Cable assemblies
- Special devices





Product Portfolio

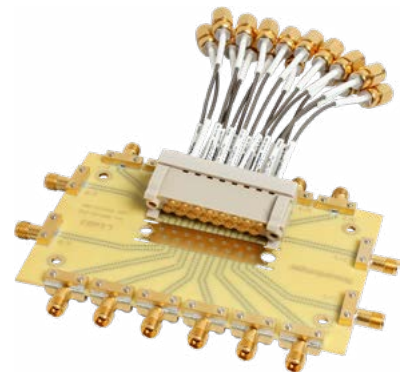
RF Microwave Cable Assemblies

- Ultra low-loss cables
- Semi-rigid cables
- Flexible cables



RF Test & Measurement Products

- High-precision connectors
- High-precision cable assemblies
- Test & measurement devices



Fiber Optic Interconnect Components

- Expanded beam contacts – #5, #12, front-aligned
- Fiber optic termini #16
- MINI optical contacts
- D38999 fiber optic cable assemblies
- For inflight entertainment, fiber optic antenna links, backplane connections





A wide Rosenberger spectrum of high-reliable connectors, cable assemblies, microwave components and fibre optic interconnect devices is certified for aerospace, security & defence applications.

MIL-PRF 39012

For military applications, products certified according MIL-PRF 39012 standard are available.

DIN EN 9100 Certification

Rosenberger designs and manufactures connectors and cable assemblies for aviation applications in accordance with the stringent requirements of DIN EN 9100 – renowned customers in the aircraft industries trust in our high-quality products. Complete traceability of our components is available.

The SMP, WSMP, Mini-SMP, TNC, RPC-SP (BMA), and SMA connector series are already in use successfully, as well as custom-made cable assemblies for high-frequency and high-voltage applications. Double bandpass filters are also part of the portfolio.

ESCC Certification

The European Space Agency (ESA) developed the ESCC (European Space Components Coordination) qualification process to provide a standard for components which are used onboard spacecraft. Rosenberger is an ESCC certified manufacturer – the SMP, SMA, RPC-2.92, and TNC connector families have been approved and are being used successfully in space missions e.g. Galileo, Iridium, and Globalstar. Cable assemblies (ultra low-loss, semi-rigid and flexible cables) are also available.



Website

For more information refer to our website:
www.rosenberger.com/aerospace

Rosenberger

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