Exploring New Directions
Rosenberger is an innovative global leader in RF technology with an international presence. The Rosenberger name stands for both quality and cutting edge technology in the field of RF coaxial connectors, standard and custom RF cable assemblies, RF test and measurement devices, automotive products, fiber optic products and custom copper assemblies.

Rosenberger North America, headquartered in Plano, Texas, maintains sales and manufacturing facilities within the United States and Canada. As part of the Rosenberger Group, we provide a wide range of standardized and customized connectivity solutions to a variety of customers across multiple industry segments.

Our products are used in wireless technology, telecom, test & measurement, automotive, medical, military, industrial and data systems. Customers rely on the precision and quality of Rosenberger products around the globe.

Industry Certifications

- ISO 9001 AND ISO 14001
- GR-326-CORE
- ITAR
- UL (COPPER)
Rosenberger North America Coax Connector Product Series

Manufactured & Distributed by Rosenberger North America

- 1.0-2.3 DIN 47297 (50 Ω)
- 1.0-2.3 DIN 47297 (75 Ω)
- 1.6-5.6
- 4.1-9.5
- 4.3-10
- 4.1-9.5
- 7-16
- BNC (50 Ω)
- BNC (75 Ω)
- BNC Reverse (50 Ω)
- C (50 Ω)
- F
- FMC
- FME
- HN (High Voltage N)
- HV 4-10 (High Voltage C)
- IEC Antenna Connectors (50 Ω)
- Insert Coax 0.8-2.7 (75 Ω)
- Insert Coax 1.0-2.3 DIN 41626-T2 (50 Ω)
- Insert Coax 1.0-2.3 DIN 41626-T2 (75 Ω)
- Insert Coax D-Sub
- Insert High Voltage DIN
- Insert Mini-Coax Insert Power DIN 41626-T1 / D-Sub
- Longwipe-SMP
- MCX (50 Ω)
- MHV (High Voltage BNC)
- Microdot
- Micro-RF
- WSMP
- Mini-SMP (SMPM)
- Mini-UHF
- N (50 Ω)
- N (75 Ω)
- P-SMP NEW 201
- QMA (according to QLF®-Standard)
- QN (according to QLF®-Standard)
- SHV (Safe High Voltage)
- SMA
- SMA Reverse
- SMB (50 Ω)
- SMB (75 Ω)
- SMC (50 Ω)
- SMG (50 Ω)
- SMP
- SnapN (50 Ω)
- SSMB
- SSMC
- TNC (50 Ω)
- TNC (75 Ω)
- TNC Reverse (50 Ω)
- UHF
Fiber Optic Connectors and Cable Assemblies

Rosenberger North America headquarters in Plano, Texas is a dedicated facility for the supply of fiber optic products with local manufacturing in our 66,000 square foot facility and global manufacturing facilities at key points around the world.

Rosenberger has established an industry-leading reputation in the North American market as a preferred supplier of fiber optics, offering an unparalleled flexibility in meeting the quick demands of the North American marketplace.

Fiber Optic Products

- Fiber Optic Patch Cords
- Environmental/Waterproof
- Armored Patch Cables
- Ceramic Ferrules
- Metal Ferrules
- Couplers, Attenuators, Loop Back’s Terminators
- OFMR (Riser Rated) & OFNP (Plenum Rated)
Copper Cable Manufacturing

Rosenberger is an established contract manufacturer building a diverse array of quality copper connectivity solutions for multiple industries in the North American marketplace.

Combining global capabilities with local presence, Rosenberger North America has the ability to produce your copper cable and harness assemblies how you want them, when you need them. Whether it’s quick turn, scheduled production, special projects or volume production, Rosenberger North America will exceed your expectations.

Akron, Pennsylvania — The Center of Excellence for RF Coaxial Connectors & RF Coaxial Cables

Rosenberger Akron is the center of excellence for standard and custom RF cable assemblies. Our advanced technology, reputation for innovation and commitment to our customers has enabled our rapid-turn production as well as our ability to meet and exceed the demands of the North American marketplace.

Surface Mount Coaxial Connectors

When signal Integrity is important, Rosenberger has surface mount coaxial connector solutions. Ask about Rosenberger’s custom footprints to optimize your PCB RF performance.

VNA Test Cable & Interchangeable Port Connector System

For vector network analyzers, the high-flexibility Rosenberger test cable has excellent phase and amplitude stability as well as the rigidly-tested interchangeable port connector system. This provides significant protection against wear.

Rosenberger — Akron, Pennsylvania
Semi Rigid Cable Assemblies

Whether you need one piece or thousands, turn to Rosenberger for reliable S/R cable performance. With 15 CNC bending machines located strategically around the world — four in the USA — Rosenberger provides complex S/R configurations to exacting tolerances. We also assure repeatable performance to your specifications — to 67 GHz. RoHS-compliant assemblies are available. Rosenberger S/R cables can be specified in diameters from .020”-.250”, with phase-matching by pair or lot.


Microwave Parts

One of the primary niches of Rosenberger Pennsauken is manufacturing microwave parts. We are an industry leader in the manufacture of: Diplexers, Filtered Horns, Loads, Terminations, Beam Forming Networks, Center Conductor/Striplines, Power Dividers, Phased/Passive Arrays and test fixtures. In addition, we build to customer drawings and/or CAD files.

Materials: Aluminum, Magnesium, Brass, Copper, BeCu, Stainless Steels, Plastics, Titanium.
Platings: Chem Film, Gold, Silver, Nickel, Anodize.

- ISO 9001 2008
- AS 9100 Rev C
Custom Chassis

Solid chassis manufacturing is one of our strong niches, from prototype to preproduction units. Our expertise includes building from customer drawings and/or CAD files.

Chassis can range from a simple waterproof electronics box to a complex chassis, such as a shuttle back radio. Material can range from high temperature plastics to titanium. Most commonly, they are made from aluminum. We can also supply plated chassis; Chem Film, Gold, Silver, Nickel Chassis can be supplied as a complete kit; with gaskets and covers. Just about any type of plating and painting can be provided from our network of approved suppliers.

Conductive Gaskets

We use our priority process TEKSAG™ to manufacture complex flat conductive gaskets using no tooling. The largest size is 14” x 25”. We at Rosenberger North America have developed a specialized system to cut out short run and complex gaskets. In many cases, process material thicknesses from .0005 of an inch to 1.00 of an inch are in this process range.

Materials: Elastomers (Conductive), RF Absorbing, Fiber Filled, Some Metal Filled - Silicone Rubber, Polyurethane, Hard and Soft Rubber, Leather, Cork. For more information request the TEKSAG™ Information Sample Gasket brochure.

Antenna Elements

With a cleanroom-like assembly area, we have been manufacturing bonded antenna elements for the last 15 years. Rosenberger North America can provide your company with assembled parts which require bonding from terminal boards to small satellite panel structures and antenna elements. Materials used in our bonding lab include Epons, RTV, Structural Adhesives, Conductive Epoxy, Silicone and Urethane.

Glass-To-Metal Sealing

Rosenberger Pennsauken has been manufacturing glass-to-metal seals for the past 20 years and maintains an in-house glassing process facility. To support this process we have non-contact video inspection equipment which can zoom to 180X to inspect small parts. All machining and glassing fixtures are manufactured in-house.
While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.