

INTERCONNECT

2024
2025

CAPABILITIES





Guiding Innovation for Over 50 Years

Richardson RFPD is a global leader in the RF and wireless communications, IoT and power markets. Relationships with the industry's top component suppliers enable Richardson RFPD to meet the total engineering needs of each customer. Whether it's designing components or engineering complete solutions, our worldwide design centers and technical sales team provide support for all aspects of customers' go-to-market strategy, from prototype to production.

ACHIEVE SUCCESS WITH OUR EXPERTS

With our global reach and extensive technical capabilities, Richardson RFPD serves customers through component selection and development, technical support, and world-class logistics and supply chain capabilities.



TECHNICAL CAPABILITIES

Our engineers will help you finish your project on time and under budget.



UTILIZE OUR ECOSYSTEM

Our toolkit spans components to systems, with customization and third-party design services.



FULL SPECTRUM OF PRODUCT SUPPORT

We cover the entire RF signal chain, from data converters to antennas.

Interconnect Manufacturers

The brands you seek from the source you trust

Amphenol® RF

CARLISLE
INTERCONNECT TECHNOLOGIES

CCA
Custom Cable Assemblies, Inc.

cinch
CONNECTIVITY SOLUTIONS
a bel group

HUBER+SUHNER

GORE

Authorized Distributor
Gore Microwave/RF Assemblies



Micro-Mode Products

molex®

PolyPhaser

TRANSECTOR

Radiall

RFI

samtec

SDT
Shanghai ShiDi Technology Inc.

SENSORVIEW

SPECTRUM CONTROL

SV MICROWAVE
Amphenol

TE
connectivity

AUTHORIZED DISTRIBUTOR

TELEDYNE
DEFENSE ELECTRONICS

TELEDYNE
STORM MICROWAVE

Winchester
Interconnect.

Interconnect Capabilities

Richardson RFPD offers a wide array of interconnect products from industry-leading manufacturers. We have a range of low- and high-power options for frequencies to 110 GHz, including phase-stable and phase-matched components for precise performance. Products can be armored or ruggedized for durability, as well as outdoor- and IP-rated for severe environmental conditions.

Custom Solutions

Along with standard products, we offer custom solutions to fit your specific requirements—including simple modifications of existing designs, assemblies built to print, and flexible, semi-flex and 3D semi-rigid cable types. Other custom products include ganged and multi-port connectors and assemblies, hybrid or mixed-signal harnesses, blind mate connectors, RF over fiber, and special testing.

RF Coaxial Switches

- High-Performance & Repeatability
- Frequency to 67 GHz
- Space/Hi-Rel
- Low PIM, TVAC, Cryogenic
- Standard & Custom Solutions



Relays

- Electromechanical
- Industrial & Military Solid State
- Active RF
- Space/Hi-Rel
- Surface Mount & Through-Hole



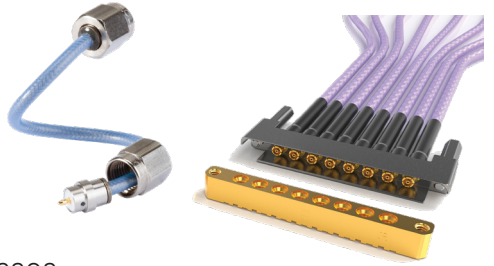
Connectors

- RF Coaxial
- Card-Edge & Backplane
- Circular, D-Subminiature, Rectangular
- EMI Filtered & Power



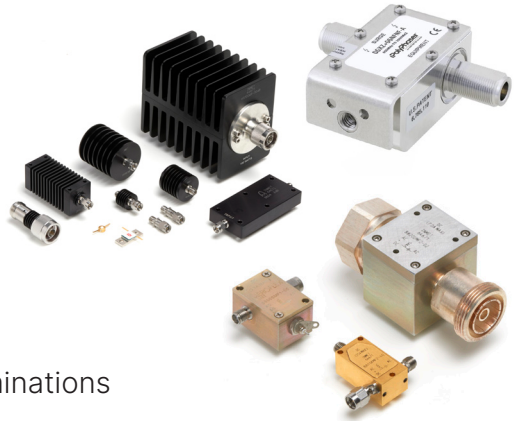
Cable Assemblies

- Standard RF Jumpers
- RF Test & Measurement
- LF, Optical
- Custom Configurations & Harnesses



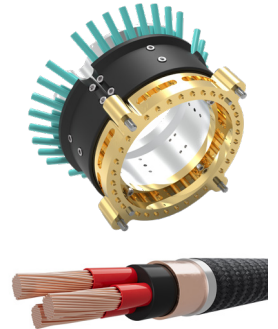
Passive Devices

- Adapters & Attenuators
- Lightning Protectors, EMP
- Dataline Surge Arrestors
- EMI Power Line Filter
- RF Dividers/Combiners & Terminations



Non-Coaxial Products & Solutions

- Fiber Optics, RFoF, LF
- High-Voltage Power Cables & Distribution
- Data/Signal Assemblies & Harnesses
- RF Conditioning, Converters, Thick/Thin Film



Antennas

- Defense & Security
- Industrial, Commercial
- Telecommunications, 5G
- Transportation



Sales & Engineer Support

Richardson RFPD serves customers worldwide, with local presence in 87 countries that allows you to engage with our experts in your country and language. We employ local field sales engineers throughout the world who work side-by-side with customers, and we maintain strong strategic partnerships with the leading manufacturers to provide complete engineering and technical support for design-in components or custom-engineered solutions.



 **SCAN** →
for Interactive Map



Connect with Us

US & Canada: 800-737-6937



International: 630-262-6800



richardsonrfpd.com

To find a local sales team near you, visit:
richardsonrfpd.com/sales