

I/O Lab and Communication filters for use in passing pure clean signals to units under test and into quiet zones for EMC/EMP and radiation testing



Trusted by Industry Leaders

Quantic Corry is a leading supplier of RF and Microwave Components and Subsystems and has been manufacturing EMI/RFI Filters for over 50 years. Specializing in high power and broadband solutions, Quantic Corry is a critical supplier and partner to major companies serving the aerospace, defense, medical, communications, and specialty test industries. Since 1970, Quantic Corry has become a key supplier and service provider for those needing a broad range of capabilities, expertise, design flexibility and customization. Driven by the unique capabilities of each customer, we take a proactive approach to solve problems and create solutions within budgets and timelines. Our experience and innovation, coupled with the expertise to engineer and design individual and RF microwave subsystems, makes Quantic Corry a reliable partner for design engineers and product managers.

Experts in RFMW filtering, Quantic Corry works with your RF engineering teams to deliver the technology that meets the needs of the application, whether straightforward or complex.

Featured Products



4 Channel USB3.1 Gen 2 Type A/B [10Gbps] I/O Interface Module

P/N: CFM4-USB-31AB-04

- Rejects frequencies > 50 MHz while passing USB 2.0 or 3.1 Gen 2. Includes filtering for USB power of v1.2 enhance battery Charging @ up to 2.5A.



10GBASET Ethernet with POE I/O Interface Module

P/N: CFMS-ETHD-002

- Unit will pass up to 10Gbps Ethernet data while rejecting 50 MHz to 18 GHz > 100 dB. POE passthrough complies with IEEE 802.3bt up to 100 Watts.



USB3.1 Gen 2 Type C [10Gbps] I/O Interface Module

P/N: CFM5-USB311-C

- Rejects frequencies > 50 MHz while passing USB 2.0, 3.0, 3.1. Supports the reversible Type C connection. Rejecting 50 MHz to 18 GHz > 100 dB. Delivers up to 60W of power to pipe side. 5V, 9V, 15V or 20V @3A.



USB3.1 Gen 2 Type-A/B [10Gbps] I/O Interface Module

P/N: CFM4-USB31AB-02

- Rejects frequencies > 50 MHz while passing USB 2.0, 3.0, 3.1. Includes filtering for USB power of v1.2 enhance battery Charging @ up to 2.5A. Rejecting 50 MHz to 18 GHz > 100 dB.



Analog Ethernet 1G Non POE I/O Interface Module

P/N: CFM5-ETH-001NP

- Rejects frequencies > 700 MHz while passing data/power between 10/100/1000BaseT. Rejecting 700 MHz to 8 GHz > 80 dB (90dB typical), 8GHz - 18GHz 80dB typical. Operates with 10 and 100 Mbps networks.



HDMI v2.1 I/O Interface Module

P/N: CFM5-HDMI21-001

- Rejects frequencies > 500MHz while passing data/power and signaling between HDMI Source and sink. Passing 4 balanced unidirectional video pairs up to 48Gbps. Rejection 500 MHz to 18 GHz > 80 dB.



Circular IEC Power Filter Module

P/N: CFM5-IEC-002

- Universal AC Power module rejecting external signals 300 MHz to 20 GHz. 90dB. Rated at 250 VAC at 10A.



Quantic Corry partners with every customer to deliver precisely the correct solution for each specific application challenge, with an array of services and capabilities that span the entire product lifecycle, from design to delivery.

Design

Modern microwave systems are increasingly complex and highly sensitive. The components that make them up require sophistication and ingenuity to match. At Quantic Corry, application of the most powerful and up-to-date design simulation and modeling software ensures effective and efficient results even prior to hardware prototyping. Because we design at the component level and are vertically integrated, we can be very reactive to changes in specification and demand and be more reactive to customers' needs.



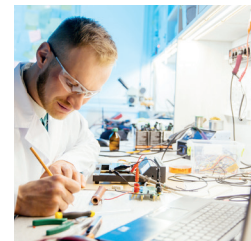
Manufacturing

In addition to our fully equipped 20,000 square foot facility in Corry, PA, we utilize our RFMW design center in Warrendale, PA, to maximize design capabilities and be more reactive to timecritical applications. Our state of the art machine shop gives us the ability to reduce prototyping delivery immensely allowing us to meet customers' timelines when competitors simply cannot.



Value Added Integration

Because we understand RFMW applications at the component level, we understand the complexity of block diagram architecture and component integration. When you combine this knowledge along with our ability to design and fabricate an entire package, Quantic Corry can offer the customer the design service to fully integrate a design and assemble, test, and manufacture a full turn-key system.



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