

XMA'S APPROACH TO QUANTUM COMPUTING PRODUCT DURABILITY

XMA is the industry leader in the design and manufacture of cryogenic RF interconnects for quantum computing applications. XMA solutions have proven stability of RF performance from ambient to millikelvin temperatures. In addition to stable performance, XMA products have excellent thermalization enabled by in-house resistive chip design and manufacture, and mechanical and materials Subject Matter Experts.

XMA is a leader in the quantum industry thanks to our:

- State of the art thermalization methods
- Attention to non-superconducting materials
- Open customer communication and collaboration
- In-house resistive chip manufacturing capabilities
- Custom designs

About XMA

XMA Corporation-Omni Spectra® is a manufacturer of passive microwave components. With design and manufacturing in the United States, XMA supplies products of the highest quality and RF performance to the space, military, quantum, telecom, and test & measurement markets.

Visit xmacorp.com to learn more.

FAMILY OF QUANTUM COMPUTING PRODUCTS

Attenuators

DC-65GHz,
high density options



Calibration Components

Components for SOLT
and TRL calibrations



Couplers

Gold-plated copper housing



High Density Attenuator Blocks

Easy installation,
reliable thermalization



High Density Flex Cables

DC-26.5GHz, low crosstalk



IR Filters

Low and high band, with
or without attenuation



Terminations

DC-65GHz,
excellent thermalization

