

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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CRYOGENIC ISOLATOR QCI SERIES

PRODUCT CATEGORIES

ALL PRODUCTS
CRYOGENIC PRODUCTS
AMPLIFIERS
RECEIVER PRODUCTS
SOURCES & MULTIPLIERS
PIN & FERRITE
WAVEGUIDE PRODUCTS
ANTENNA PRODUCTS









CRYOGENIC ISOLATOR QCI SERIES

18-20 dB, 0.4-1.2 low insertion loss, 1.28 VSWR, coax/waveguide input/output connector.

For further information, please contact us at **sales@quinstar.c**

Category:
Cryogenics

Specifications and Ordering

Our designs are built onsite and upon request. We tailor each order through our sales engineers to better serve your purchase.

Description | **Ordering Information**

Description

QuinStar's Cryogenic Isolators are ferrite devices that offer exceptional performance down to the mK range. We design and manufacture our cryogenic isolators to meet your needs; our units come with customizable connector configurations. We also offer our cryogenic isolators in several magnetic shielding options to preserve the electrical performance of the devices when operating in strong magnetic fields.

Our standard cryogenic isolators are three-port components, with an input, output, and a terminated port to absorb reflected RF energy. These three ports constitute

a single junction. In addition to single junction devices, our cryogenic isolators can be made as double, triple, or higher junction devices to meet your requirements. In a double junction device, the output of the first junction is cascaded into the input of the second junction. By doing this, the isolation of the unit is doubled, but by the same token so is the insertion loss. For example, if a single junction device has an insertion loss of 0.2 dB and an isolation of 20 dB, you can expect a double junction device to operate at 0.4 dB and 40 dB, respectively.

We also offer the QCI-G0301400XX, a unique isolator that uses a non-junction design to offer increased bandwidth and superior performance. Please note, however, that this device cannot be offered as a circulator.

Here at QuinStar, we are constantly reviewing and improving the performance of our cryogenic catalog. For the most up to date models and outline drawings, please contact our **Sales Department**.

In addition to individual units, we also offer all our cryogenic isolators in an array format. For more information, see **QCC/QCN Cryogenic Arrays**.

Related products





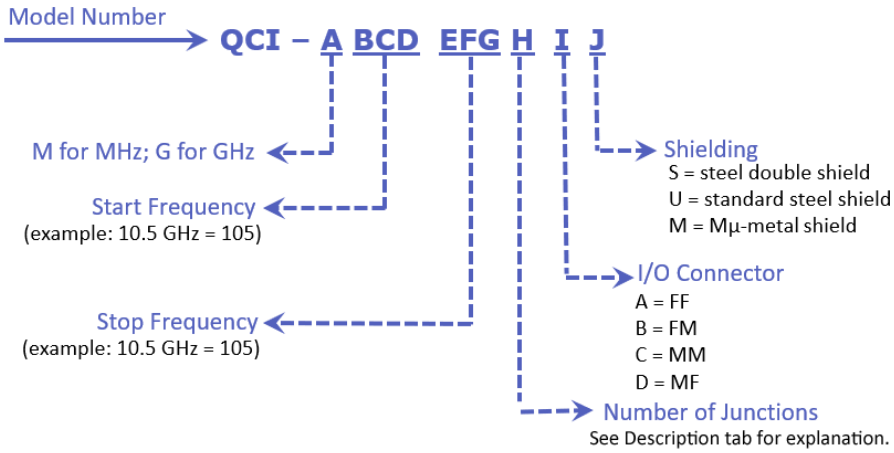
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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

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We're here to make your life easier. How can we help you today?

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