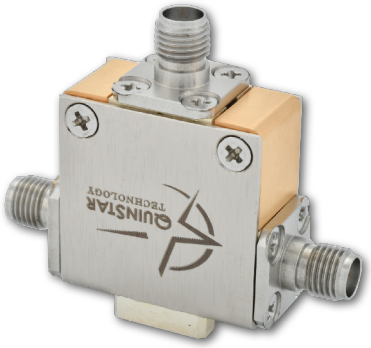
QCY-G0400801__

4 - 8 GHz Cryogenic Circulator



DESCRIPTION

QCY Cryogenic Circulators are field-displacement devices that offer exceptional broadband performance down to the mK range. The housing is made of OFHC copper and designed for optimal thermalization. We offer optional magnetic shielding. QCY products are available in array configurations to suit your applications. We design and manufacture our cryogenic circulators to meet your requirements.

FEATURES

- Exceptional Performance Down to the mK Range
- Low Insertion Loss
- Available with Standard, Mμ-metal or Double Shielding

APPLICATIONS

- Quantum Computing
- Radio Astronomy
- Particle Physics Research

TECHNICAL SPECIFICATIONS: 4-8 GHz

PARAMETER	TYPICAL
Return Loss	24.0 dB
Insertion Loss	0.15 dB
Isolation	24.0 dB

Note: Double and higher junctions are also available.

MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Connector	SMA Female/Male
Size	0.51" (W) x 1.75" (L) x 1.51" (H)
Housing Material	OFHC Copper
Weight	60g

MADE IN U.S.A.

QUINSTAR TECHNOLOGY, INC. | 24085 Garnier St. | Torrance, CA 90505 U.S.A. | (310) 320-1111 | sales@quinstar.com

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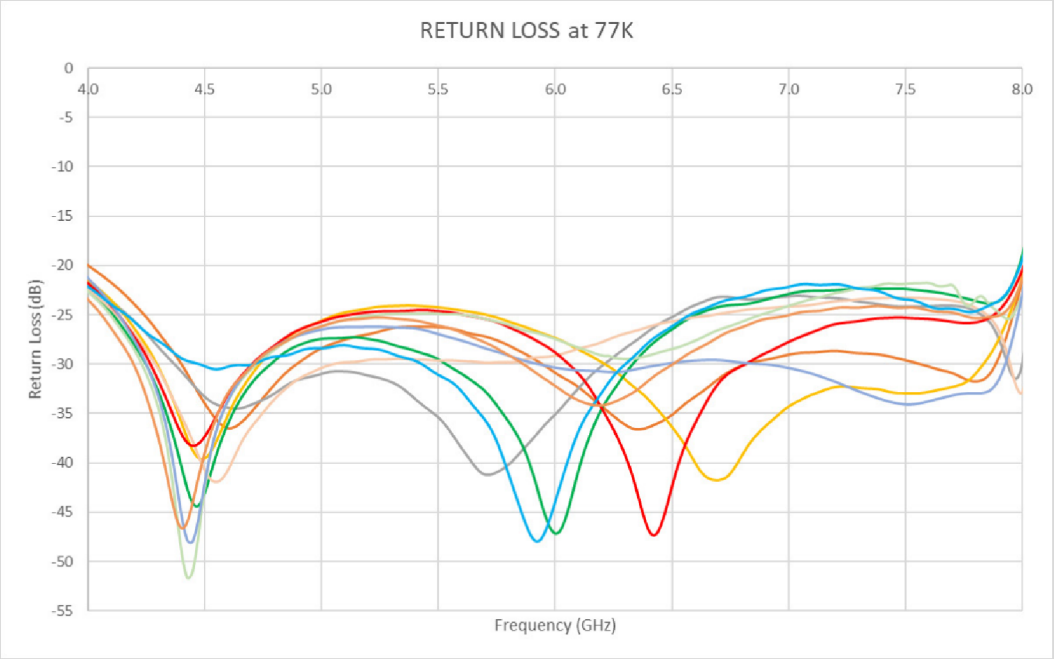
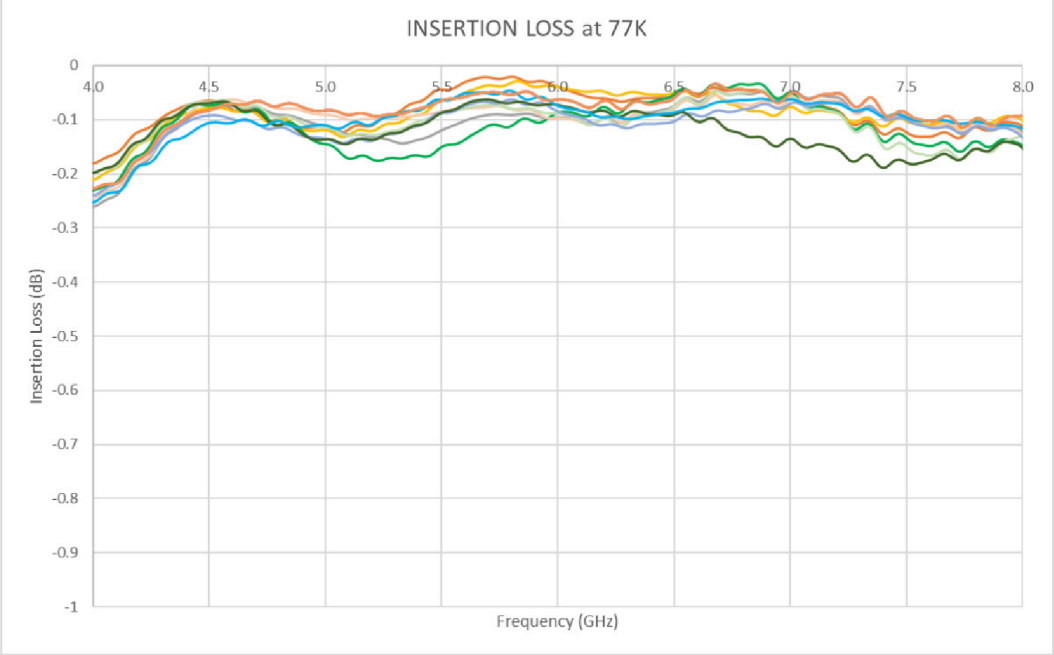
4 - 8 GHz Cryogenic Circulator

RETURN LOSS VS. FREQUENCY



INSERTION LOSS VS. FREQUENCY



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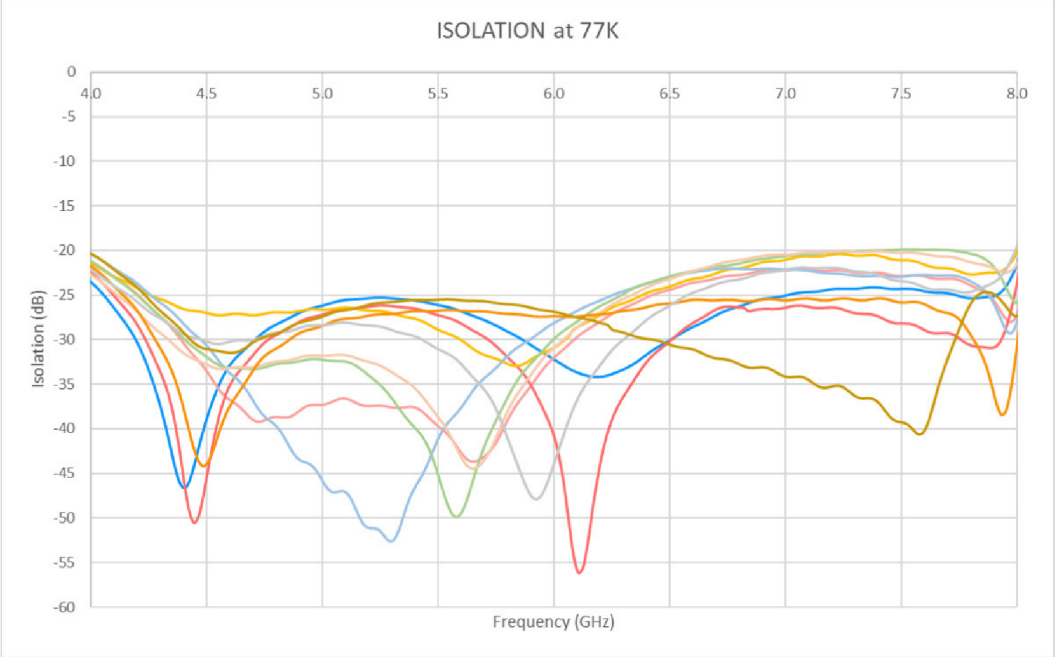
4 - 8 GHz Cryogenic Circulator

ISOLATION VS. FREQUENCY



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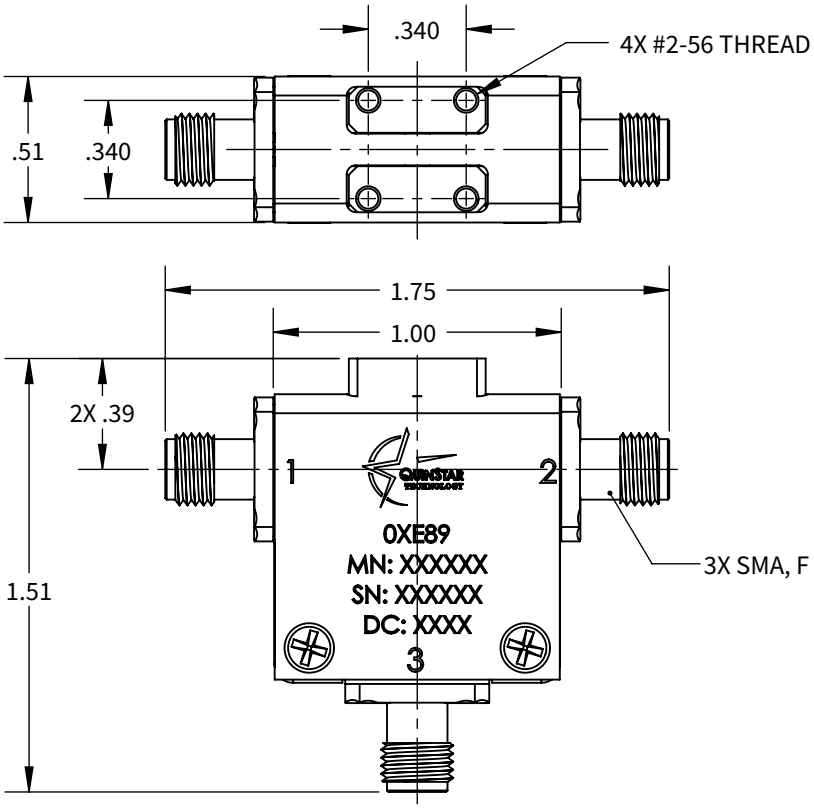
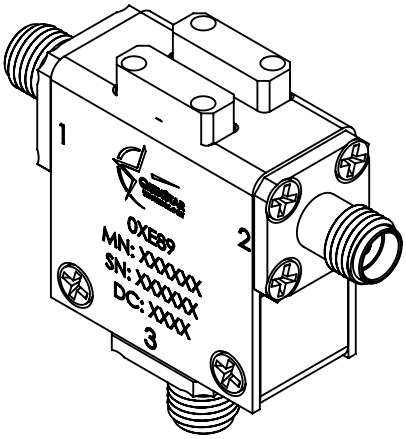
4 - 8 GHz Cryogenic Circulator

MECHANICAL OUTLINE (WITH STANDARD OR Mμ-METAL SHIELDING)

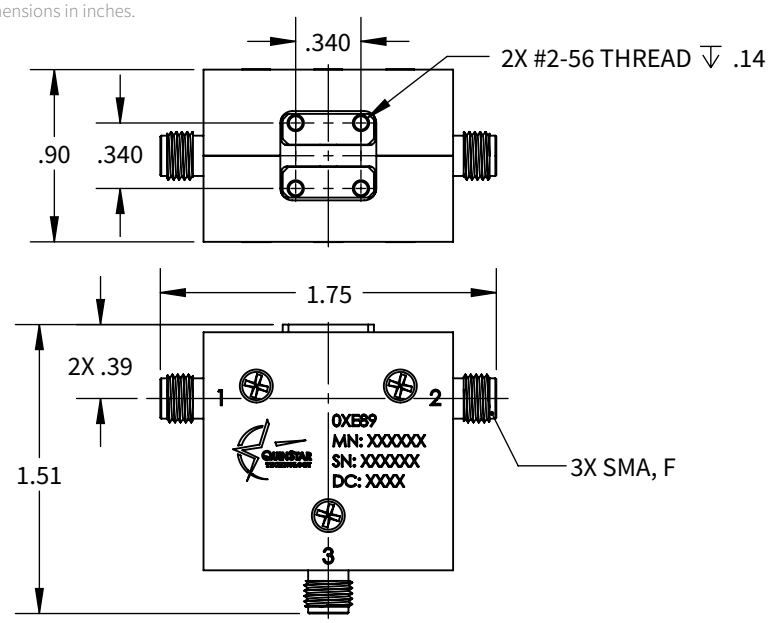
Note: Dimensions in inches.

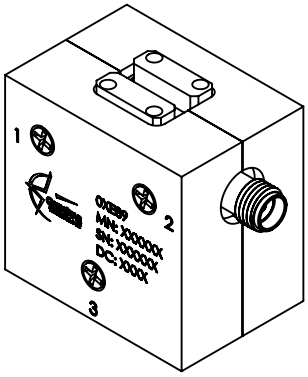




MECHANICAL OUTLINE (WITH DOUBLE SHIELDING)

Note: Dimensions in inches.





MADE IN U.S.A.