

## FCIF-0.7-05

0.7dB, 5K

### Features:

- \* Cryogenic Stability
- \* Exceptional Optical Performance
- \* High Sensitivity

### Applications:

- \* Astronomical Detection
- \* Military and Aerospace
- \* Quantum Technology

### Electrical

Attenuation: 0.7dB max. @1GHz  
5dB max. @8GHz  
6dB min. @18GHz

### Mechanical

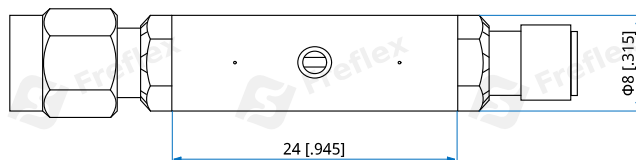
Size<sup>\*1</sup>: 24\* $\Phi$ 8mm  
0.945\* $\Phi$ 0.315in  
RF Connectors: SMA  
Cavity: Gold plated copper  
Weight: 15g max.

[1] Exclude connectors.

### Environmental

Operating Temperature: 5K (-268.15°C) max.  
Non-operating Temperature: -55~+85°C

### Outline Drawings



Unit: mm [in]

Tolerance: .x $\pm$ 1mm [ $\pm$ 0.039in], .xx $\pm$ 0.5mm [ $\pm$ 0.02in]

### How To Order

**FCIF-0.7-05**

Customization is available upon request.