

HERMETIC INLINE FIBER-OPTIC FEEDTHROUGHS

RETA-RIB Fiber-Optic Ribbon Hermetic Feedthroughs

The RETA-RIB fiber-optic ribbon hermetic feedthroughs are designed for vacuum applications where a large number of fibers is required in a compact assembly.

The fiber-optic ribbon is hermetically sealed on a CF or KF flange. It is delivered with a helium leak test report ensuring a high level of hermeticity better than 10^{-8} mbar.l/s.

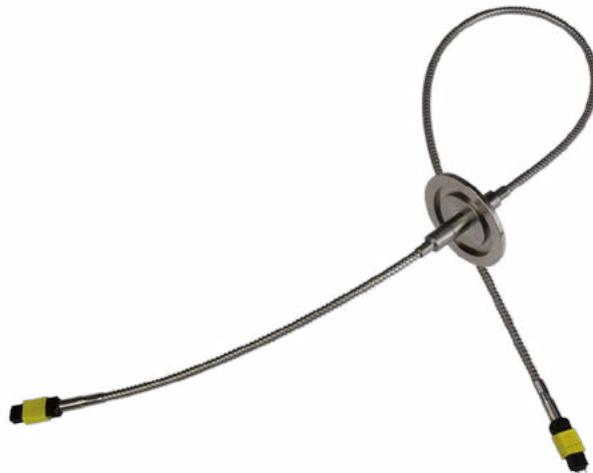
They can be made with either singlemode [SM] fibers or multimode [MM] graded-index [GI] fibers 50/125 μm .

The RETA-RIB can accept up to 2 ribbons with a high channel count up to 12., i.e. 24 fibers upstream and downstream.

The ribbons are terminated with either 12-fiber or 24-fiber MTP® connectors. The connectors can be either flat polish or angle polish at 8°, and have either pins (male) or not (female), according to customer's choice.

Finally, we offer either the bare ribbon or a stainless steel tubing to protect the ribbons.

Please contact us to discuss your specific requirements.



As part of our policy of continuous product improvement, we reserve the right to change specifications at any time.
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KEY FEATURES

- Multi-fiber ribbon up to 24
- 12 or 24-fiber MTP® connectors
- SM or GI fibers
- CF or KF flange
- 10^{-8} mbar.l/s hermeticity
- Broad wavelength range

APPLICATIONS

- Vacuum chambers

QUALITY

- ISO 9001:2015

