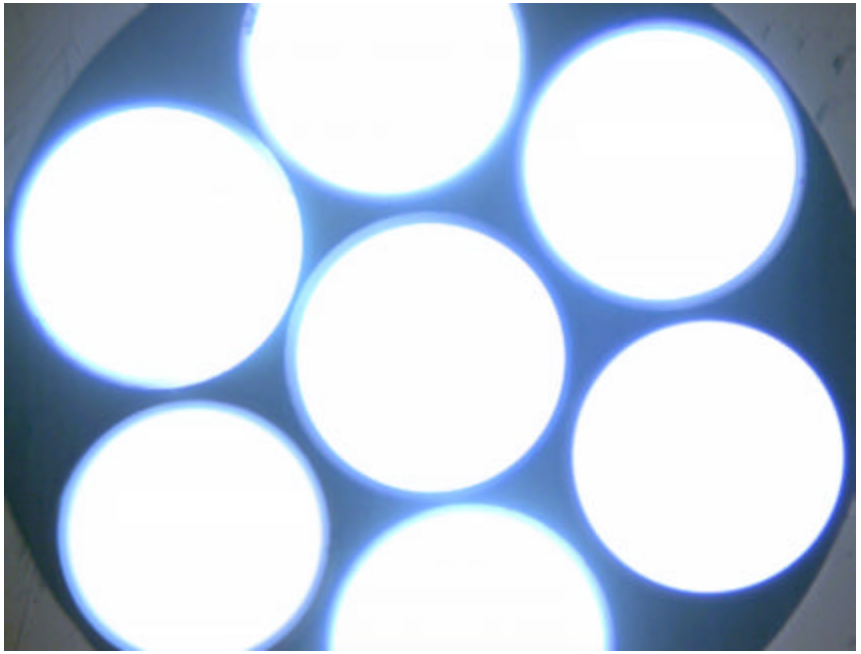
WE'RE WELL CONNECTED

Diamond

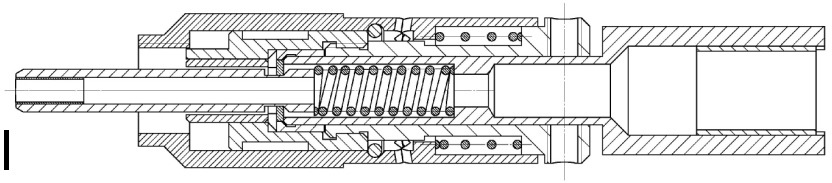
Multi-fiber 2.5mm based ferrule



Project: NASA LRO - LOLA

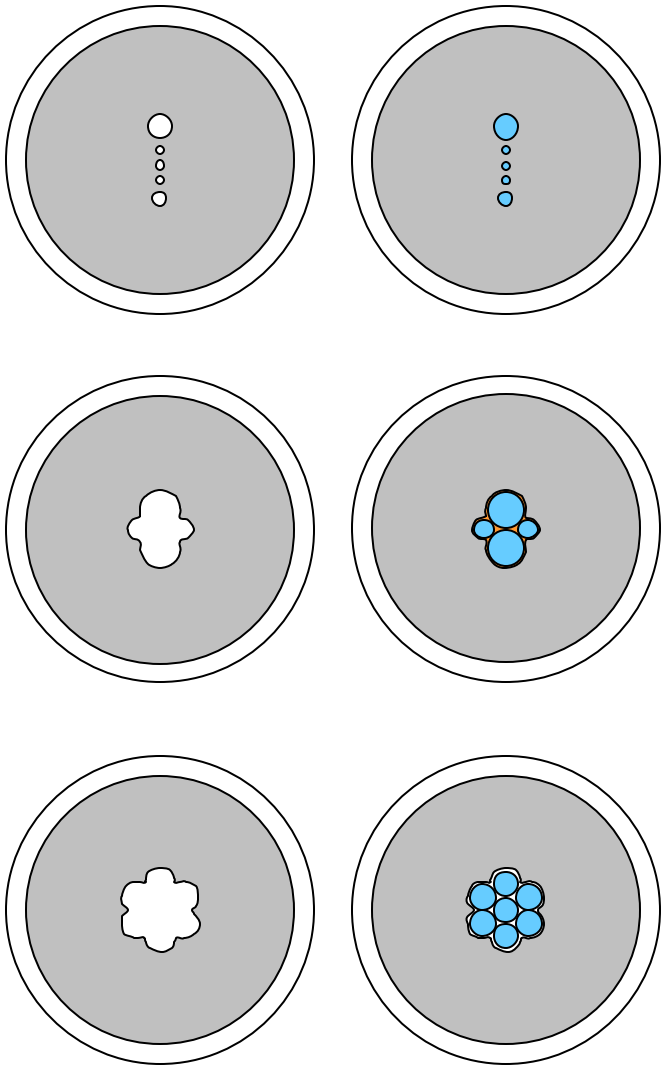
- NASA Requirements
  - Multi-fiber (used for redundancy)
  - AVIM connector (long history in space)
  - Seven large core fibers
  - Orientation adjustable
- Diamond Solution
  - AVIM PM in Stainless steel
  - PM for rotational adjustments to orient the seven fibers with set screws
  - Complete connector and custom ferrules built in several weeks
  - Ferrule in low CTE Stainless steel

Developed for Melanie Ott, Photonics groups, NASA - Goddard SFC



Further engineering capability

- Ferrules
  - Metal ferrules
  - Ceramic-Titanium multi-component ferrules
  - Holes from 50µm to 600µm
  - Any shapes
  - Different fiber size in same ferrules
- Connector platform
  - All PM connectors: E-2000™, SC, FC, DIN/LSA, AVIM, DMI



Features - Application

- **Features**
  - Standard 2.5mm based ferrule connector
  - Any number of fibers
  - Any fiber arrangement on demand (proprietary)
  - Different diameter for each fiber possible
  - Available on E-2000, DIN/AVIO/ AVIM, FC, SC and DMI connectors

- **Application**
  - Sensors
  - Bio-medical
  - Space and aeronautics