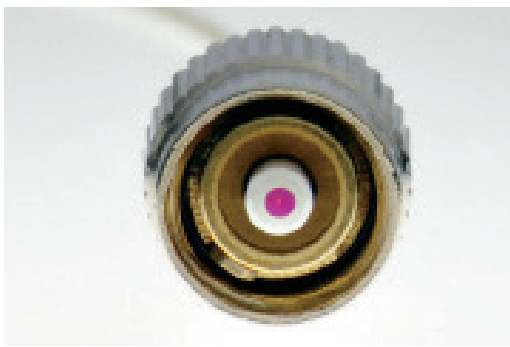




# OPTICAL COATINGS ON FIBER TIPS

CELEBRATING 50 YEARS ISO 9001:2008 CERTIFIED • SBA REGISTERED SMALL BUSINESS • ITAR REGISTERED • MADE IN THE USA



## KEY FEATURES:

- Wide range of filter designs:
  - Anti-reflection
  - Bandpass (pictured above)
  - Longpass
  - Shortpass
  - Partial Reflectors
- Various fiber tip configurations:
  - Connectorized
  - Bare
  - Tapered
  - Lensed

## APPLICATIONS:

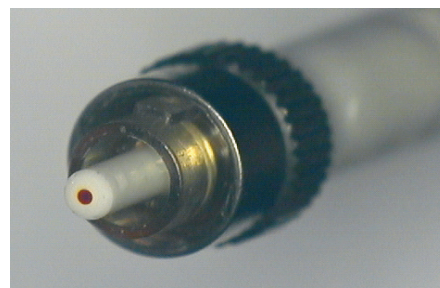
- Laser Coupling
- Laser Eye Surgery
- Fiber Lasers
- Fiber Interferometers
- Fiber Raman Probes
- Fiber-Based Flow Cytometry

Nearly any coating that can be produced on flat glass can also be deposited on fiber tips. Designs include AR, bandpass, longpass, shortpass, and partial reflectors.

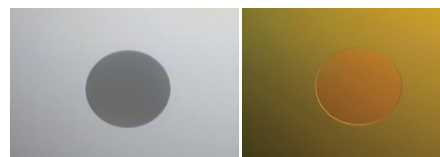
The tips can be connectorized, bare, tapered, or lensed. Both single and multimode fiber can be coated, although the angular distribution in multimode fiber must be considered regarding AOI distributions at the coatings. These coatings are robust, allowing a coated tip to be connected to an uncoated tip.

Omega coats fiber mounted to custom jigs that are compatible with different types of connectors (FC, ST, SC, etc.)

Please contact us for a quotation.

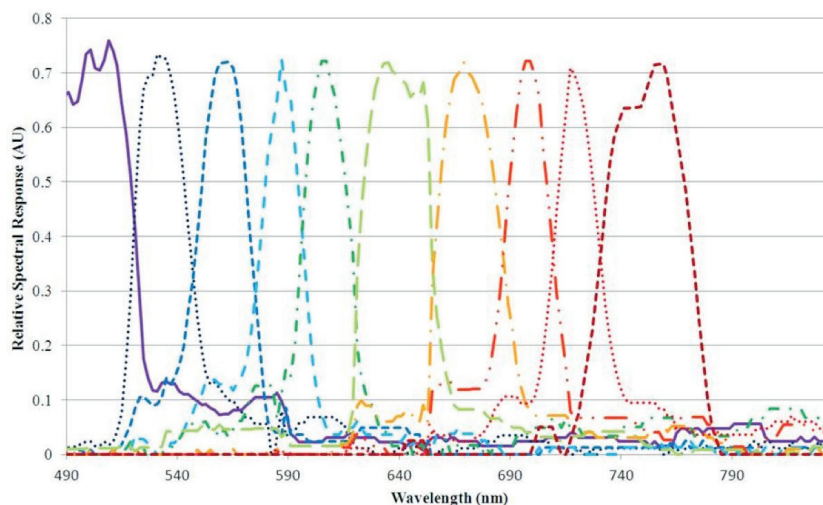


**Anti-Reflection  
Fiber Tip Coating**



**Pre-Deposition  
Fiber Tip**

**Post-Deposition  
Fiber Tip**



**Spectral response of an array of ten coated fiber tips**