

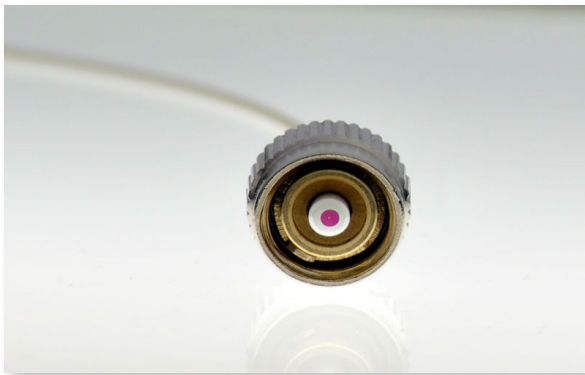
Optical Coatings on Fiber Tips

Overview

Omega Optical's Research and Development team has been hard at work! We can now apply broad-band antireflection coatings, long-pass, short-pass, band-pass and notch filters on fiber tips using both semi-hard and hard-oxide materials. Omega is currently delivering preproduction quantities to it's customers. Contact our sales team to get a custom quote!

Why choose an Omega Filter?

- Omega can design and manufacture **custom filters** that will differentiate your product
- 50 years of engineering services to optimize your filter needs
- Extensive inventory for rapid prototyping and development
- High-volume production
- In house optics shop for custom sizes, shapes and substrates
- USA made, ITAR and ISO registered



Applications

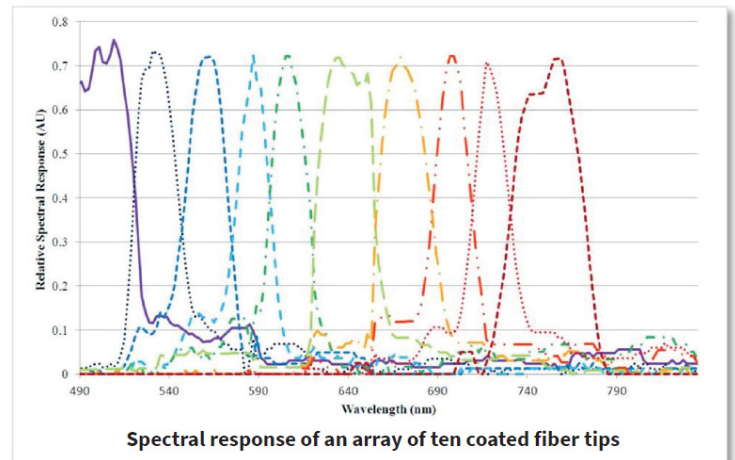
- Laser Coupling
- Fiber Lasers
- Fiber Raman Probes
- Fiber-Based Flow Cytometry
- Laser eye Surgery
- Fiber Interferometers



Optical Coatings on Fiber tips

Both single and multimode fiber can be coated, although the angular distribution in multimode fiber must be considered regarding AOI distributions at the coatings. The coatings can be designed to work when coupled to another fiber or to air.

We can provide a wide range of filter designs such as, **antireflection, bandpass, shortpass, longpass, and partial reflectors**. The tips can be connectorized, bare, tapered, or lensed.



Omega Optical coats directly on the fiber tip. Contact us today for a custom quote!

ISO 9001:2015 CERTIFIED • ITAR REGISTERED • MADE IN THE USA