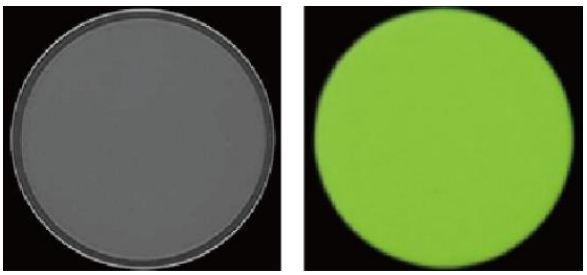
EVERFOTON

Fiber Coating



Everfoton fiber coating is based on the large-core power delivery manufactured with PCVD process. By using special precision polishing process, efficient cleaning and professional coating technology, the characteristics of high-efficiency coupling and high power transmission are achieved. With high cleanliness of the fiber end face and high coating reliability, it is suitable for industrial laser pump source, medical cosmetology, laser radar, optical fiber sensor, etc.

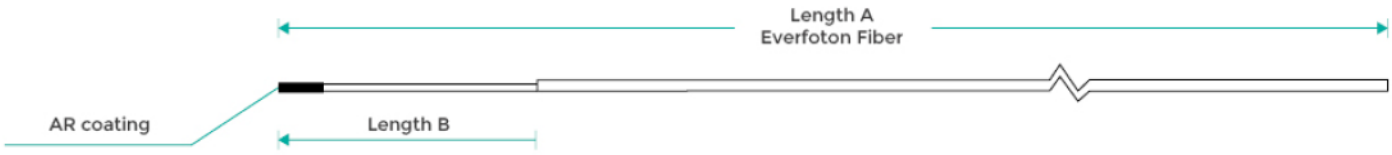
Characteristics

- Polishing: Special polishing technology, without scratches and chipping on the fiber core and cladding
- Cleaning: High efficiency cleaning technology, eliminating liquid residues and reducing contamination on end surface
- Coating: Professional coating design to reduce reflection and improve light transmission efficiency

Applications

- Pigtail output of laser pump source
- Flexible transmission of industrial laser
- Medical laser equipment coupling transmission
- Laser radar transmission
- Optical fiber sensor

Specifications



Fiber model	SI105/125, SI135/155, SI200/220, SI220/242 or Customized
Length of the fiber (A)	35.5 ± 0.5 cm; 200 ± 10cm; 230 ± 10cm; 320 ± 10 cm; etc.
Fiber Tip Stripped Length (B)	6 ± 0.5 mm; 14 ± 0.5mm or Customized
Coating Parameters	AR Coating, R < 0.5% @780 – 1000 nm or Customized

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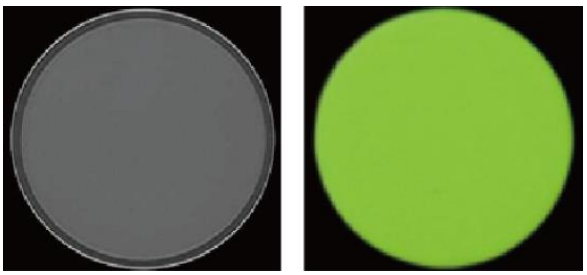

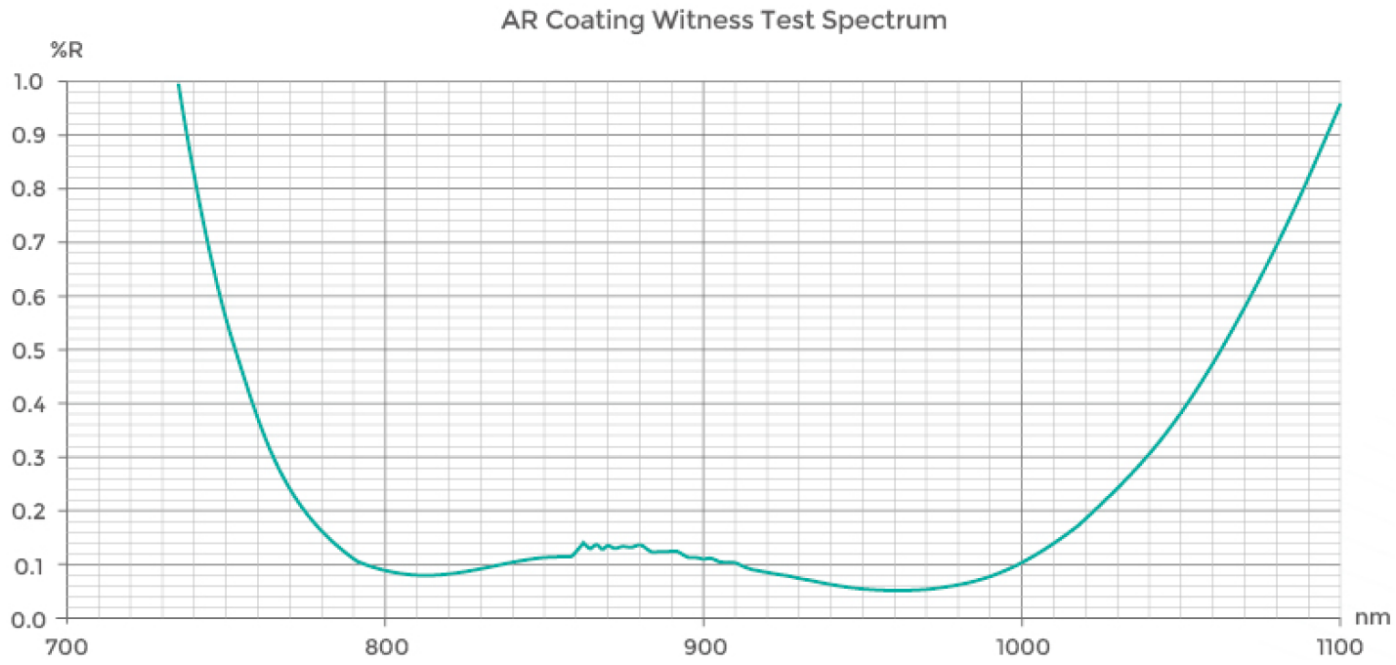

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