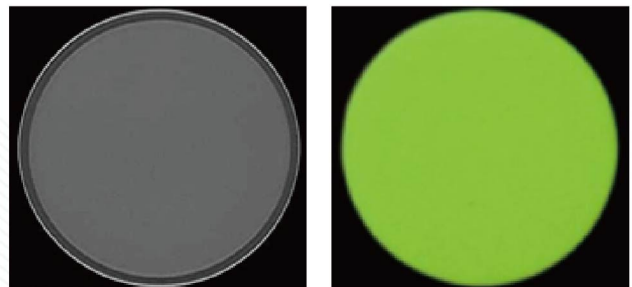


Power Delivery Fiber Coating

Everfoton Power Delivery Fiber Coating means laying optical thin film on the large-core power delivery optical fiber end face to increase light transmission or reflection. 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, and so on.



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



Performance parameters	Specifications
Fiber Type	SI105/125, SI135/15/5, SI200/220, SI220/242, etc. Customized
Length of the fiber (A)	35.5 ± 0.5cm; 200 ± 10cm; 235 ± 10cm; 320 ± 10cm, etc. Customized
Fiber Tip Stripped length (B)	6 ± 0.5mm; 14 ± 0.5mm, etc. Customized
Coating Parameters	AR Coating, R < 0.5% @ 780-1000nm; Customized

