

# ONE-STOP SHOP

## FOR FIBER OPTIC COMPONENTS



### 20 W Compact In-Line Isolator

- Typ. Insertion Loss: 0.7 dB
- Max. Peak Power for ns Pulse: 10 kW
- Min. Isolation: 30 dB



### 200 W LaseGuard Free Space Isolator

- Peak Transmission > 95%
- Peak Isolation > 35 dB
- Optical Average Power: 100 W or Specific



### Gain Fiber and Free Space Pumping Isolator

- Max. Average Power: 150 W
- Max. Peak Power for ns Pulse: 200 kW
- M<sup>2</sup> Degradation < 10%



### Mini-cBeam Fiber to Free Space Isolator

- Max. Average Power: 55 W
- Typ. Insertion Loss: 0.3 dB
- Typ. Peak Isolation: 30 dB



### 3 kW Laser Cavity Component

- Combiner and FBG Integrated
- Max. Signal Channel Insertion Loss (Total): 0.3 dB
- Max. Backward Power Handling: 300 W



### Dragon 30 kW Q+ Compatible Laser Cable

- Max. Peak Power: 1 mW @ 50 ns
- Max. Transmission Loss of Fiber Core: 2%
- High Backward Power Handling



# AFR Company Profile

Founded in 2000 and publicly listed in China in 2017, Advanced Fiber Resources (AFR) has expanded to over 3,000 employees, including 500 engineers and technicians. AFR designs and manufactures fiber optic components and lithium niobate modulators across 136,000 m<sup>2</sup> of global facilities, including AFR Zhuhai, AFR Jinding, AFR Wuhan, and B&A in China, AFR Milan in Italy, and AFR Thailand. Our products are widely applied in telecommunications, data centers, fiber lasers, fiber sensing, autonomous driving, and biomedical equipment, and have been delivered to more than 600 customers in over 40 countries and regions worldwide.

**26**  
Years of History

**500**  
Technical Expertise

**4,000**  
Employees

**600**  
Customers

**6**  
Sites (China/Italy/Thailand)

**136,000**  
m<sup>2</sup> Facility



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