

DCF-TM-12/128P

Tm Doped Double Clad Fiber

CorActive's Tm-doped double clad fibers offer high doping concentrations and high QCE values that ensure minimum fiber length, minimum pump power and reduced non-linearities.
CorActive's DCF-TM-12/128P Tm-doped double clad fiber features highly efficient energy transfer that makes this product the ideal solution for the design of high peak power ultrafast eye-safe fiber lasers and amplifiers.

SPECIFICATIONS

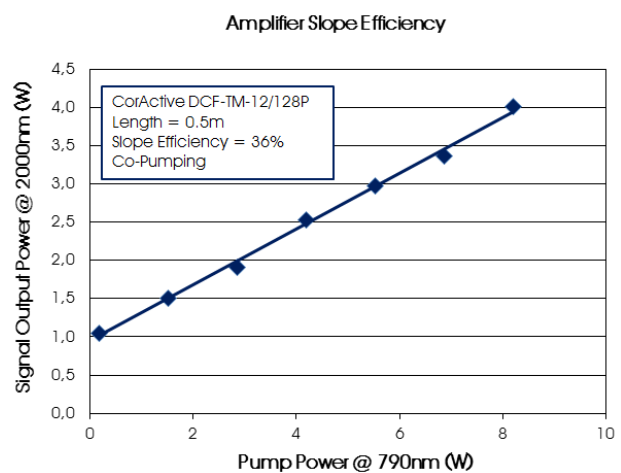
Optical

Clad Absorption @ 790nm	dB/m	22.0 ± 3.0
Core NA		0.13 ± 0.01
Clad NA		> 0.45

Geometrical&Mechanical

Core Diameter	μm	12 ± 1
Core/Clad Concentricity Error	μm	≤ 1.2
Clad Diameter	μm	128 ± 3
Clad Geometry		Octagonal
Coating Diameter	μm	260 ± 20

PERFORMANCES



TYPICAL APPLICATIONS

- LIDAR
- Scientific/Research
- High peak power ultrafast lasers and amplifiers

ADVANTAGES

- Very high absorption for reduced fiber length
- Low splice losses to CorActive matched passive single-clad and double-clad fibers

RELATED PRODUCTS

- Matched double-clad fiber: DCF-UN-8/125-14
- Matched single-clad fiber: SCF-UN-8/125-14



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Specialty Optical Fiber Manufacturer