

ER35-7-PM

Er Doped Single Clad PM Fiber

CorActive's Er-doped single clad fibers offer high QCE values, various doping concentrations, and different optical and geometrical characteristics to suit diverse customer requirements and applications. CorActive's ER35-7-PM Er-doped single clad PM fiber features high absorption and high quantum efficiency that make this product the ideal solution for the design of polarized fiber lasers in a broad range of applications.

SPECIFICATIONS

Optical

Core Absorption @ 1530nm (dB/m)		35 ± 5
Nominal Core NA		0.22
Cutoff Wavelength (nm)		1450 ± 50
Mode Field Diameter (μm)		6.5 ± 0.5
Birefringence		≥ 1.4E-04

Geometrical&Mechanical

Clad Diameter	μm	125 ± 2
Coating Diameter	μm	245 ± 10
Proof Test	kpsi	≥ 100

TYPICAL APPLICATIONS

- Polarization-Maintaining Fiber Lasers & Amplifiers
- Second Harmonic Generation
- LIDAR
- Scientific/Research

ADVANTAGES

- High Absorption
- High Birefringence
- Low background losses
- High quantum conversion efficiency lowers pump power requirements, reducing overall system costs

RELATED PRODUCTS

- Doped non-PM fiber version: ER35-7

CorActive High-Tech, Inc.
2700 Jean-Perrin, Suite 121, Quebec City, QC
Canada G2C 1S9
Phone : 1-866-845-2466
E-mail : sales@coractive.com
www.coractive.com

CorActive
Specialty Optical Fiber Manufacturer



日本デバイス株式会社 E-mail sales@j-device.com

www.j-device.com

Tel 03-6262-3424 Fax 03-6800-5883