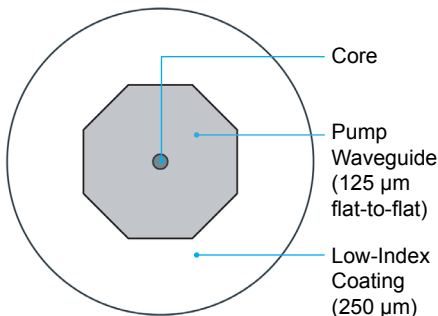


ErYb 8/128 Dual Cladding Optical Fiber

P/N: 89135



Features

- Good beam characteristics
- High efficiency
- Compact foot-print
- Superior reliability and quality

Typical Applications

- Optical Amplifiers operating in 1550 nm range, multi-Watt output power
- CATV amplifiers
- Amplifiers for free space communication
- LIDAR

Product Specifications	
Product Description	ErYb 8/128 Dual Cladding Optical Fiber
Optical Characteristics	
Operating Wavelength	1550 nm
Core Properties	
Numerical Aperture	0.24
Mode Field Diameter @ 1550 nm	7.4 μm
Absorption @ 1535 nm	55 dB/m
Cladding Properties	
Numerical Aperture	0.45
Absorption @ 915 nm	> 1.2 dB/m
Background Loss @ 1200	< 50 dB/km
Physical Characteristics	
Cladding Flat-Flat	125 μm
Cladding Peak/Peak	128 μm
Core/Clad Concentricity Error	\leq 0.3 μm
Core Diameter	8 μm
Coating Diameter	250 μm
Mechanical and Environmental	
Tensile Proof Test	100 kpsi (0.69 GPa)
Coating Material	Low Index Acrylate
Other Information	
Order by Part Number	89135
Product Description	ErYb 8/128 Dual Cladding Optical Fiber
Regulatory Compliance	REACH and RoHS Compliant
Quality Certification	ISO 9001 Certified

For additional information please contact your sales representative.

You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.