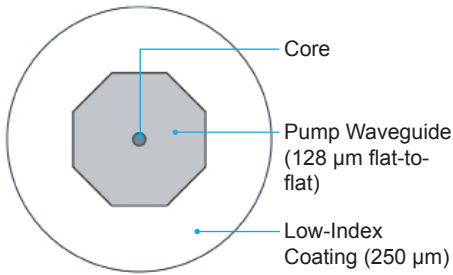




ErYb 10/128 P Dual Cladding Optical Fiber

P/N: 87822



Features

- Good beam characteristics
- High efficiency
- Compact footprint
- 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 10/128 P Dual Cladding Optical Fiber
Optical Parameters	
Operating Wavelength	1535 - 1565 nm
Core Properties	
Numerical Aperture	0.10 - 0.13
Mode Field Diameter @ 1550 nm	9.6 - 12.0 μm
Absorption @ 1535 nm	65 ± 15 dB/m
Cladding Properties	
Numerical Aperture	≥ 0.45
Absorption @ 915 nm	4 ± 1 dB/m
Background Loss @ 1150 nm	< 20 dB/km
Physical Characteristics	
Core Diameter	10 μm
Cladding Diameter, Flat-to-Flat	128 ± 1.5 μm
Coating Diameter	250 ± 15 μm
Fiber Geometry	Octagonal, Dual Cladding
Mechanical and Environmental	
Tensile Proof Test	0.69 Gpa (100 kpsi)
Coating Material	TrueClad™ Low Index
Other Information	
Order by Part Number	87822
Product Description	ErYb 10/128 P 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.



FURUKAWA SOLUTIONS

Copyright © 2023 OFS Fitel, LLC. All rights reserved, printed in USA.

OFS Marketing Communications Date: 06/23

For a full list of our certifications, visit our website.



OFS reserves the right to make changes to the prices and product(s) described in this document at any time without notice. This document is for informational purposes only and is not intended to modify or supplement any OFS warranties or specifications relating to any of its products or services.