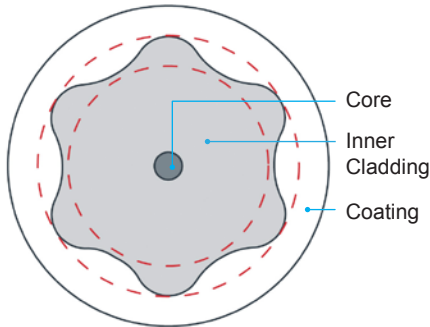




A Furukawa Company

ErYb 8/128 Dual Cladding Optical Fiber

P/N: 80781



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	8 μ m
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 Mean Diameter	125 μ m
Core/Clad Concentricity Error	\leq 0.3 μ m
Coating Diameter	250 μ m
Mechanical and Environmental	
Tensile Proof Test	100 kpsi (0.69 GPa)
Coating Material	Low Index Acrylate
Other Information	
Order by Part Number	80781
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.



Copyright © 2022 OFS Fitel, LLC.
All rights reserved, printed in USA.

OFS Marketing Communications
Date: 08/22 Revision #2

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.