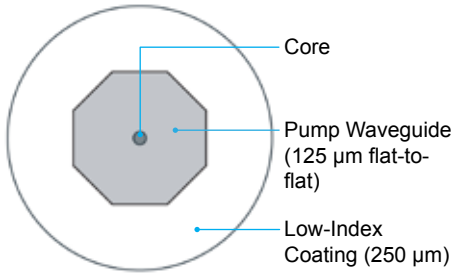




A Furukawa Company

ErYb 10/128 Dual Cladding Optical Fiber

P/N: 86168



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 Dual Cladding Optical Fiber
Optical Characteristics	
Operating Wavelength	1550 nm
Core Properties	
Numerical Aperture	> 0.10
Mode Field Diameter @ 1550 nm	11 μm
Absorption @ 1535 nm	65 dB/m
Cladding Properties	
Numerical Aperture	> 0.45
Absorption @ 915 nm	4.0 dB/m
Background Loss @ 1200 nm	<20 dB/km
Physical Characteristics	
Cladding Diameter, Flat-to-Flat	125 ± 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	Low Index Acrylate
Other Information	
Order by Part Number	86168
Product Description	ErYb 10/128 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.



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