

康宁EDFA专用掺铒光纤ER1550

产品名称	康宁EDFA专用掺铒光纤ER1550
公司名称	上海量青光电技术有限公司
价格	1.00/米
规格参数	品牌:量青光电 型号:掺铒光纤 宽带光源:VCSEL激光器
公司地址	上海市奉贤区奉城镇东街98号13幢1176室(注册地址)
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产品详情

Corning康宁EDFA专用高掺杂掺铒光纤ER1550C3A-VHA

Applications应用: Erbium Type 3 C-band Fiber with Very High Absorption (ER-1550C3A-VHA)
 Features特点: Single and multi channel optical amplifiers 单/多通道涂层增加稳定性。
 Hermetic coating for increased environmental stability 密封涂层增加稳定性。

Corning Part #	Corning Description:
0351810506	Corning ER1550C3A VHA-500M Fiber
0351811006	Corning ER1550C3A VHA-1KM Fiber
0351812006	Corning ER1550C3A VHA-2KM Fiber

Key Optical Specifications:

Peak Absorption in Er band @ ~1530 nm	15.0
Fiber Absorption Spectral Deviation from reference fiber: 123-1202.1.2.6	

Minimum Background Loss @ ~1250 nm (FOTP-78)	1
Cutoff Wavelength (FOTP-80)	
Mode-field Diameter @ 1000 nm (FOTP-191)	3.5
Mode-field Diameter @ 1550 nm (FOTP-191)	5.3
Key Geometric Specifications:	
Cladding Diameter	12
Coating Diameter	24
Core-to-Clad Offset	
Performance Characterizations:	
Operating Temperature Range	-4
Polarization Mode Dispersion @ 1520-1575 nm	
Backscatter @ (1500 – 1600) nm	1 X
Numerical Aperture (Typical)	
Other:	
Standard Lengths	500m, 1
Proof Test	>
Deliverable Data:	
Core-to-Clad Offset	

Background Loss @ ~1250 nm

Mode-field Diameter @ 1000 nm and 1550 nm

Cutoff Wavelength

Peak Er Absorption @ ~980 nm, Peak Er absorption @ ~1530 nm for overwrap

Giles file (one per new core lot): alpha & g* @ (960 – 1000) nm & (1465 – 1570) nm

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