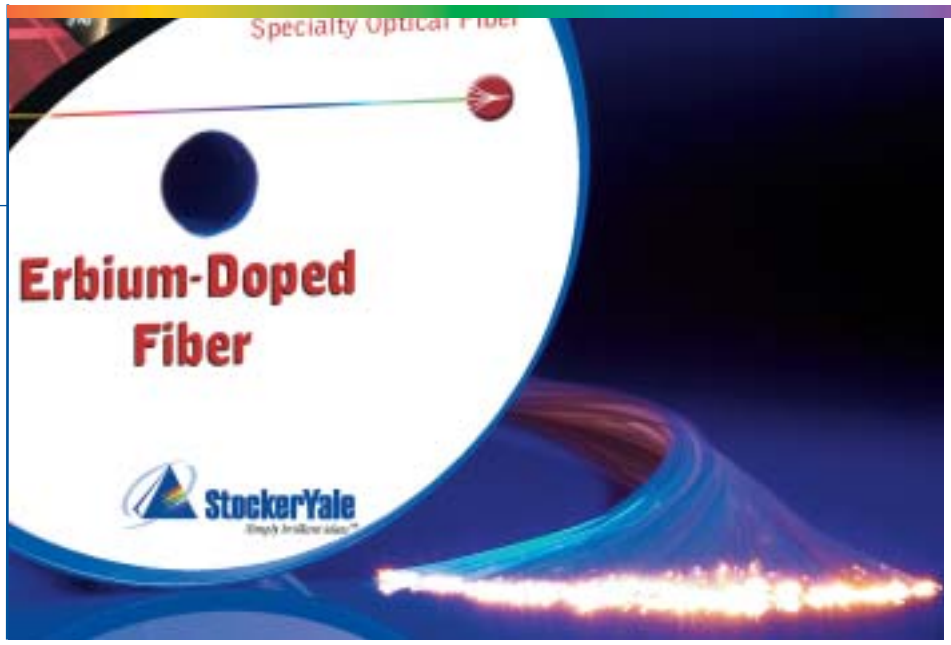
Erbium-Doped Fiber



FEATURES:

- Optimized for use in C-Band EDFAs
- Superior confinement of erbium within the core
- Excellent spool-to-spool uniformity
- High aluminum content
- Low polarization mode dispersion (PMD)
- High strength

StockerYale's erbium-doped fiber is engineered to optimize the efficiency of C-Band erbium-doped fiber amplifiers (EDFAs). Its high aluminum content and excellent uniformity ensure consistent, reliable results when designing EDFAs for DWDM applications. This fiber can also be custom designed to meet specific customer requirements.

Technical Specifications

Parameter	EDF-980-T2
Cut off wavelength	800 - 950 nm
Mode field diameter	4.9 - 6.3 µm @ 1550 nm
Nominal NA	0.23
Background loss @1200 nm	< 10 dB/km
Peak absorption @ 1530 nm	5.5 ± 1 dB/m
Peak absorption @ 980 nm	≥ 3.1 dB/m

Parameter	EDF-980-T2
Cladding diameter	125 ± 1 µm
Core-cladding concentricity	≤ 0.5 µm
Coating diameter	245 ± 10 µm
Proof test level	150 kpsi
Coating type	UV-cured Dual Acrylate

StockerYale
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