

BK optical module



Overview

BKtel photonics is the leading manufacturer of fiber amplifiers and fiber lasers for LIDAR, telecommunication, cable TV, FTTH, military, medical, aerospace and laboratory applications. With over 20 years of activity, BKtel products include a wide range of platforms in the $1\mu\text{m}$. BKtel photonics' mission is to supply high end fiber laser equipment to generate light with characteristics suitable for performing 3D mapping as well as equipment for optical amplification in next generation fiber networks. BKtel photonics products are the key component for LIDAR applications such. ContactDo you have questions and would like a personal consultation?

Contact usDo you have questions and would you like a personal consultation?

Founded in 1997, BKtel is a leading manufacturer of low-cost optical broadband communication technology and photonic components, specializing in standard and custom Telcordia-grade erbium and ytterbium fiber lasers & amplifiers. The main application being in the telecom industry with the renowned Erbium Doped Fiber Amplifier or EDFA.



Article Content

Jun 02, 2026

Optical Glass Datasheet SCHOTT N-BK7

SCHOTT N-BK7 datasheet provides detailed optical properties and specifications for this versatile optical glass, ideal for various scientific and industrial applications.

Jul 03, 2025

Optical Glass N BK7 Data Sheet

Optical Glass (N-BK7 types) MATERIALS DATA APPLICATIONS: N-BK7 is a Schott™ designation for the most common Borosilicate Crown glass used for a

Apr 22, 2026

BKtel Fiber Lasers & Amplifiers EDFA | 1, 1.5, 2μm

Founded in 1997, BKtel is a leading manufacturer of low-cost optical broadband communication technology and photonic components, specializing in standard

Oct 05, 2025

BK2K22 Active system modules | Teleste

These modules broaden our offering for the BK-based networks and their requirements. Amplifiers can be used with optical nodes and RPD nodes, or in

Dec 08, 2025

Schott Bk7 Glass/Schott N-Bk7 Glass/Schott N-Bk7

General Introduction: SCHOTT BK7 is borosilicate crown glasses with exceptional optical homogeneity. Laser components uses this glass when especially high

Nov 09, 2025

BK7 Windows/Rods

BK7 is borosilicate crown optical glass with an excellent physical and chemical properties for applications in visible and near IR. Large BK7 glass with high

Aug 09, 2025

BK-7 OPTICAL GLASS

BK-7 OPTICAL GLASS BK7 is a high quality optical glass that is used whenever the additional benefits of fused silica are not required. Since BK7 performs well in all

Aug 13, 2025

Materials | SCHOTT N-BK7® Optical Glass

Optical BK-7 is manufactured by Schott Glass. SGP can CNC mill, drill, cut, lap, and polish this material to many shapes, sizes, and surface finishes.

Sep 10, 2025

BK | Optical Glass (J-series) | Nikon Business

Optical Glass (J-series) FK PK PSK BK BAK K KF BALF BAF BASF SK SSK LLF LF F SF LAK LASK LAF LASF KZF

Oct 28, 2025

High Precision Thin N-BK7, UV Fused Silica Windows-NORTH OPTICS

Off-the-shelf and custom modules are available Made of BK7, UVFS, or Quartz Crystals Minute thickness and high surface flatness Surface quality 10/5 S/D and parallelism 10" Minimum thickness:

Oct 01, 2025

Optical Transceiver Module : Products & Solutions | NEC

NEC has been developing and manufacturing optical transceivers for more than 30 years since the dawn of the optical communications era. Based on this extensive

Aug 18, 2025

BK2020 | Lightbus Bus Coupler | Beckhoff Worldwide

The BK2020 Economy plus Bus Coupler connects the Lightbus system to the electronic terminal blocks, which can be expanded in modular fashion. One unit

Oct 20, 2025

Products

Interference filters, bandpass filters, neutral density filter, IR cut filter, High pass Filters, Hotmirror, Coldmirror, front surface mirrors, Beam Splitter, AR ...

Oct 01, 2025

Denali-Submittal-RevH dd

Optics Interchangeable OPTIKITTM modules permit field changes optical distribution. to

Mar 05, 2026

BKtel Photonics Broadens Product Line with Advanced

Offered in compact modules or table-top systems, they provide uniform spectral power for optical sensing, testing, and measurement in both lab

Jul 22, 2025

HUBER+SUHNER BKtel

Powerful signal amplifiers for optical transmission networks - a small selection.

Jan 02, 2026

Optical Materials

Optical Materials Newport offers a wide variety of spherical and aspherical lenses made from BK 7, UV grade fused silica, Infrared grade Calcium Fluoride (CaF 2), Magnesium Fluoride (MgF 2), AMTR

May 28, 2026

Ultra-Clear BK7 Optical Windows for Precision Optics

Optical BK7 Windows are flat plane-parallel plates, which are often used to protect electronic sensors or detectors without blocking optical transmission. Optical Windows do not change the magnification of

Dec 04, 2025

N-BK7 | Optical borosilicate-crown glass from SCHOTT

N-BK7 is a very pure universal optical borosilicate-crown glass made by SCHOTT. It is one of the most common standard glass types used to produce high-quality

Nov 18, 2025

Product Lines

The key technology in all BKtel photonics products is based on light amplification in fibers. The main application being in the telecom industry with the renowned Erbium Doped Fiber Amplifier or EDFA.

Jan 13, 2026

Everything You Need to Know About Optical Modules

Optical modules are electronic devices used in communication systems to transmit optical signals. These modules convert electrical signals into optical

Jul 11, 2025

Fluorescence Filters

Fluorescence Filters - Other sizes are, due to our flexible stock program available at short notice mostly without an price increase. Fluorescence Filters.

Feb 12, 2026

Startpage

We are a manufacturer of optical thin films made in Germany and specialists for customer-oriented coatings. Large stock + fast delivery. Welcome to bk Interferenzoptik. News_en.

Feb 19, 2026

HUBER+SUHNER BKtel

- Erbium doped fiber amplifier for optical signals 1530 nm - 1561 nm on single mode fibers
- Two independent amplifiers in one common unit
- Gain flattened technology for optical multi-channel

Dec 14, 2025

IBS IL 24 BK-LK-PAC

Your advantages Remote bus connections using fiber optic technology Optical path diagnostics I/O systems I/O modules

Feb 12, 2026

1.55 μm , 1 μm and 2 μm Optical Amplifier in Module or

Most of the Optical Amplifiers in MSA telecom can be integrated in a bench top. The BKtel Photonics High Power Optical Amplifier and Ultra High Power Amplifiers

Contact Us

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