

CIF price of single-mode fiber optic cable that is bend-insensitive



Article Overview

As of early 2026, the CIF price for common bend-insensitive single-mode fiber (G.657A1) is approximately \$22 per kilometer, while higher-performance G.657A2 fiber can reach \$35 per kilometer.

Current Market Pricing

- G.657A1 (standard bend-insensitive fiber): Trading at around \$22/km, up from \$12–14/km in mid-2025 due to high demand from both civilian and military applications .
- G.657A2 (enhanced bend performance): Currently \$35/km, reflecting a nearly 90% increase over the past six months . These prices reflect raw fiber costs, and CIF pricing will include shipping, insurance, and freight charges, which typically add 10–20% depending on the destination port and shipping method.

Product Examples

- Corning ClearCurve® fibers: Bend-insensitive single-mode fibers compliant with G.652.D and G.657 standards, suitable for FTTH and indoor deployments. Pricing is available through direct sales inquiries, and bulk orders may affect CIF estimates .
- L-com FOBBI30SNGPYS-M: 9/125 simplex bend-insensitive fiber cable, sold by the meter with a 25-meter minimum order. This type is suitable for data centers and indoor cabling, and bulk orders can influence CIF pricing .
- G.657.B3 ultra-bend-resistant fibers: Designed for tight-radius installations, with s...

Article Content

Feb 21, 2026

The FOA Reference For Fiber Optics

Bend-Insensitive Fiber Optical fiber is sensitive to stress, particularly bending. When stressed by bending,

May 26, 2026

GL FIBER® provides the whole series of SMF products that meet and

GL FIBER ® bending insensitive single mode fibre meets or exceeds the ITU-T Recommendation G.652.D/G.657.A1 including the

Feb 07, 2026

ClearCurve Single-mode Optical Fibers | Bend

ClearCurve ® ZBL and LBL bend-improved single-mode fibers are cost-effective solutions designed to

Jan 04, 2026

Single-Mode Bend-Insensitive Fiber Cables

Single-Mode Bend-Insensitive Fiber Cables Single-Mode Bend-Insensitive Fiber Cables have been developed to withstand stress

Mar 11, 2026

Single Mode Fiber Optic Patch Cables | Bend Insensitive Patch Cords

The FiberXP single mode fiber patch cables with 9-micron cores are the economical solution for applications where low signal loss,

Apr 03, 2026

G.652.D vs G.657.A1 vs G.657.A2: What's the Difference?

In such scenarios, single-mode fiber compliant with the G.657 standard is necessary. Cables meeting this standard

May 28, 2026

Bend Insensitive Fiber, Bend Insensitive Fiber Optic Cables

We make expert data center use fiber cables and related fiber optic connection equipment, including single mode bend insensitive

Apr 25, 2026

Fiber Optic Cable Types Explained

Our comprehensive guide to types of fiber optic cables. Learn all about the differences between single mode and multimode cables,

Nov 30, 2025

All About Bend-Insensitive Optical Fibre Cable

Overview By using the magic of light, fibre optic cables have laid the foundations of global connectivity. But as the

Nov 25, 2025

What is Bend-Insensitive Fiber: A Beginner's Guide

How Does Bend-Insensitive Fiber Work? Manufacturers use refractive index trench to reduce the amount of light loss

Jun 22, 2026

Single Mode Fibers for Visible Through Near IR

80/170 μm & 125/245 μm fibers for high reliability, small form-factor telecom components Ultra-low & low profile, bend-insensitive

May 28, 2026

Bulk Bend Insensitive/Hi Flex Singlemode Fiber Optic Cable

Bend insensitive fiber cable offers greater flexibility in demanding environments than traditional fiber cable. It is typically used in data

Aug 04, 2025

Quality Bulk Multimode & Single Mode Fiber Optic Cables

Bulk Fiber Optic Cable - Multimode & Singlemode Shop our diverse range of bulk fiber optic cables,

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Bend Insensitive Fiber Optic Cables

Bend Insensitive Fiber (BIF) Cables SC to SC Duplex Singlemode L-com offers Singlemode Bend insensitive fiber optic cables which

Feb 26, 2026

Bend-Insensitive Fiber: Types, Benefits & Applications

This guide explores the science behind bend-insensitive fiber, its key types (single-mode and multimode), performance

Jun 14, 2026

Why Fiber Optic Prices Exploded from Early 2026

From late 2025 through the first quarter of 2026, the global fiber optic cable market experienced one of the sharpest

May 20, 2026

ClearCurve Single-mode Optical Fibers | Bend Insensitive Fiber ...

In 2007, we introduced our award-winning ClearCurve® single-mode fiber that solved the technical and physical challenges faced by

Jan 24, 2026

Bulk Fiber Optic Cable

L-com offers bulk fiber optic cable including single mode, multimode, 10 & 100 Gigabit, Hi Flex, breakout style and distribution style.

Mar 03, 2026

What is Bend-Insensitive Fiber?

Fiber optic technology has revolutionized the way we transmit data, offering high-speed, reliable, and secure

Jul 15, 2026

What is Bend-Insensitive Fiber?

Bend-insensitive fiber optic cables have become increasingly important in modern telecommunications and

Sep 24, 2025

Recommendation ITU-T G.657 (08/2024) – Characteristics of a

This Recommendation describes two categories of single-mode optical fibre cable with improved bending loss performance

Sep 03, 2025

Singlemode Fiber Optic Cables – Mouser

Singlemode Fiber Optic Cables are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Singlemode

Dec 04, 2025

Bend-Insensitive Fiber: Types, Benefits & Applications

Learn what bend-insensitive fiber is, its types (single-mode & multimode), benefits, and why it's crucial for modern high

Dec 17, 2025

Fiber Optic Cables | Cable Assemblies | DigiKey

Fiber optic cable is designed to transmit data using light signals instead of electricity, making it faster, more

Mar 30, 2026

ClearCurve® Single-mode Optical Fibers | Corning

Our ClearCurve fiber solutions provide cost-effective, faster, and more successful installations for homes and businesses with bend

Oct 05, 2025

Bend-insensitive fibres: a key component of future-proof networks

Fibre optic networks are a long-term investment and the solutions used to build them must be considered carefully. G.657 cabling

Oct 26, 2025

Bend Insensitive Fiber Optic Cable, Duplex, ST-LC, Single-mode, 165ft

Manufactured using OptoSpan Premium G.657.A2 fiber, this Bend Insensitive Fiber Optic Cable provides superior bending

Jul 05, 2026

Bend Insensitive Fibres | Prysmian

Bend-insensitive single mode fibres (ITU-T G.657.A1 and G.657.A2) are a crucial part of the world's shift towards flexible and reliable

Sep 13, 2025

ClearCurve Single-mode Optical Fibers | Bend Insensitive Fiber ...

Corning's ClearCurve fiber solutions offer a selection of bend-improved single-mode fibers designed for lower cost, superior

Sep 25, 2025

Bend Insensitive Fiber Optic Cables

L-com offers Singlemode Bend insensitive fiber optic cables which are a type of fiber cable that is designed to withstand bending

Mar 04, 2026

9/125, Single mode Simplex Bend Insensitive Fiber

Bend insensitive fiber cable offers greater flexibility in demanding environments than traditional fiber cable.

Contact Us

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