Barbados Wholesale Price for Erbium-Doped Fiber Amplifier 40G

Overview

Erbium doped fibers Our wide range of Er-doped optical fibers allows for tailored optical amplifiers (EDFAs) performance based on your requirements. Exail.

Key Takeaways

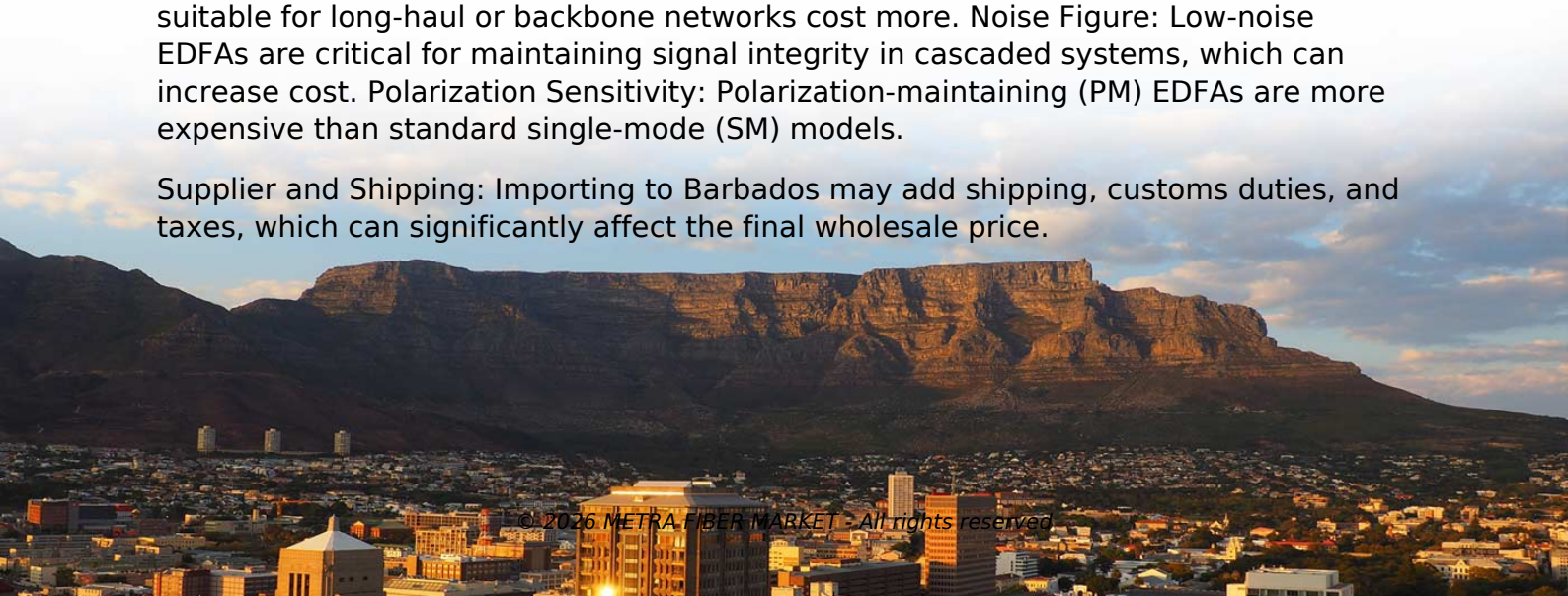
Wholesale prices for 40G EDFAs typically range from $3,000 to $10,000 per unit, depending on power, gain, and supplier, with exact Barbados pricing requiring direct supplier inquiry. General Price RangeErbium-Doped Fiber Amplifiers (EDFAs) for 40G optical networks are high-value photonics components. Based on global wholesale listings, single-mode 1550nm EDFAs generally cost between $3,000 and $10,000 per unit, depending on output power, gain, and features such as polarization-maintaining fibers or low-noise figures.

High-power booster or pre-amplifier models tend toward the upper end of this range.

Factors Affecting Price

Output Power and Gain: Higher output power (>24 dBm) and high-gain models suitable for long-haul or backbone networks cost more. Noise Figure: Low-noise EDFAs are critical for maintaining signal integrity in cascaded systems, which can increase cost. Polarization Sensitivity: Polarization-maintaining (PM) EDFAs are more expensive than standard single-mode (SM) models.

Supplier and Shipping: Importing to Barbados may add shipping, customs duties, and taxes, which can significantly affect the final wholesale price.



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Sourcing Options

Global Suppliers: Alibaba and FindLight list multiple EDFA suppliers offering bulk pricing and technical specifications. Specialized Photonics Vendors: Thorlabs and RP Photonics provide high-quality EDFAs with detailed specifications and support for 40G networks. Import Data Analysis: Reviewing global import data can help estimate landed costs in Barbados, including duties and shipping.

Recommendations

Contact multiple suppliers to request quotes for 40G EDFAs, specifying required output power, gain, and polarization type. Include shipping and import duties in your cost calculations for Barbados. Verify technical specifications to ensure compatibility with your 40G optical network infrastructure.

Consider bulk purchasing to reduce per-unit cost if multiple amplifiers are needed. By combining supplier quotes with import cost analysis, you can determine the most accurate wholesale price for EDFAs in Barbados.

Article Content

Erbium doped fibers

Our wide range of Er-doped optical fibers allows for tailored optical amplifiers (EDFAs) performance based on your requirements. Exail Er-Doped Fibers (EDF)

Industry-leading Fiber Optical Amplifiers EDFA

We specialize in the design and high-volume manufacturing of high-quality Erbium-Doped Fiber Amplifiers (EDFAs), offering cost-effective solutions for a wide range of applications.

Low Price Erbium Doped Fiber Amplifier EDFA Compact, Cost

An Erbium-Doped Fiber Amplifier (EDFA) is a critical component in modern optical communication systems. It uses a segment of optical fiber doped with the rare earth element erbium, which, when

Powerful Wholesale erbium doped fiber amplifier supplier For

Looking for wholesale erbium doped fiber amplifier supplier? Look no further than Alibaba . Our suppliers have the latest amplifiers with all the features you can ever want.

Fiber Optical Amplifier EDFA: 1528-1565nm (< 26dBm), 1535-1565nm ...

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Agiltron''s Erbium-Doped Fiber Amplifier (EDFA) is a cost-effective solution for optical signal amplification, utilizing high-reliability semiconductor lasers, Wavelength Division Multiplexing (WDM)

Optical Amplifiers

Erbium Doped Fiber Amplifier - Mini Module Erbium Doped Fiber Amplifier (Mini Module) is a compact optical gain module offering cost-effective ...

Buy Fiber Amplifiers | Best wholesale prices from suppliers ...

Get price quotes for Fiber Amplifiers. Search, find, compare and shop for Fiber Amplifiers on FindLight. Contact suppliers directly with one click.

Top EDFA Suppliers: Global Fiber Amplifier Providers 2025

What Is an EDFA? An Erbium-Doped Fiber Amplifier (EDFA) is a type of optical amplifier that directly boosts the intensity of optical signals in fiber optic communication systems. EDFAs work

Erbium Doped Fiber Amplifier | SIMTRUM Photonics Store

Erbium Doped Fiber Amplifier SIMTRUM Provides Erbium doped Fiber Amplifier (EDFA) for fiber lasers and fiber optic communication consisting of C- or L- Band signal light. The C-Band (conventional

1550nm Erbium Doped Fiber Amplifier Price

Find reliable 1550nm erbium doped fiber amplifier prices from top suppliers. Durable, efficient, and suitable for various applications. Shop now for quality!

Competitive Price of Erbium Doped Fiber Amplifier EDFA

PL2000H: High-Linearity Erbium Doped Fiber Amplifier A reliable 1550nm EDFA solution engineered for wide-area CATV distribution and FTTx backbone

Broad-band erbium-doped fiber amplifier flattened beyond 40 nm

Broad-bandwidth amplification is essential for the construction of high-capacity multichannel communication systems. We describe a silica-based erbium doped fiber amplifier (EDFA) with a flat

"Erbium Doped Fiber Amplifier"

The Erbium Doped Fiber Amplifier is a standout piece in our Fiber Optic Equipment collection.Identify leading distributors by their ability to offer competitive wholesale prices and insider deals on new

"Erbium Doped Fiber Amplifier Price"

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The Erbium Doped Fiber Amplifier Price is a key item within our extensive Fiber Optic Equipment selection.Selecting factory-priced fiber optic equipment can significantly lower costs, allowing access

Low Price Erbium Doped Fiber Amplifier EDFA Compact, Cost

Discover our Erbium Doped Fiber Amplifier EDFA card, suitable for 2U rack mount. RF input and overlay capabilities make it versatile. Purchase as few as 1 unit starting from around $100. Wholesale deals

Erbium Doped Fiber Amplifier

We are a leading Wholesale Trader of edfa erbium doped fiber amplifier, catv edfa, 4 port wdm edfa, 8 port wdm edfa and wdm edfa from Gandhinagar, India.

1550nm CATV EDFA Amplifier (8/16/32 Ports) | High Power Multi-Port

An EDFA (Erbium-Doped Fiber Amplifier) is used to boost 1550nm optical signals, compensating for signal loss over long-distance fiber transmission. Unlike traditional repeaters, it amplifies the signal

Barbados Fiber Bragg Grating Amplifier Market (2024-2030 ...

Historical Data and Forecast of Barbados Fiber Bragg Grating Amplifier Market Revenues & Volume By C-band Erbium-doped Fiber Amplifier for the Period 2020-2030

Contact Us

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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