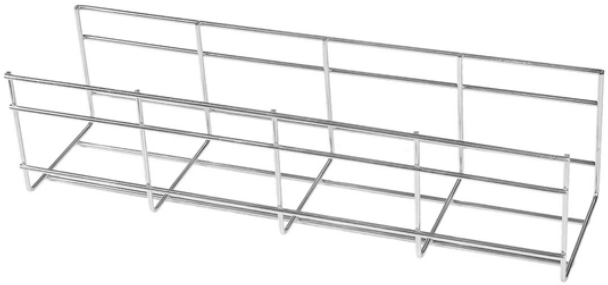
The Logic Behind the Rise in Optical Module Prices

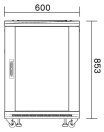


Overview

In this comprehensive analysis from Commmesh, we examine the root causes of the 2025–2026 fiber price surge in detail, the specific role of drone warfare, why G. 657A2 grades are hit hardest, the supply-side bottlenecks that amplified the crisis, secondary effects on. Factor category Specific factor impact overview Related instructions Supply and demand: Exploding demand for AI computing power is driving data center expansion, and 800G/1. 6T optical modules are in short supply. Cloud vendors are seeing a significant increase in capital expenditures. The reasons behind this are related to product lifecycle management, as well as cost control and. The number dominating every procurement manager"s spreadsheet in February 2026 is US$ 22/km for G657A2 fiber. Just six months ago, this figure was unthinkable. Today, it represents the new reality of a market transformed by AI infrastructure demands, geopolitical shifts, and supply chain. From late 2025 into 2026, global fibre optic prices have increased sharply and across the board — standard single-mode, bend-insensitive grades, and in turn pre-terminated assemblies, patch leads, and bulk cable. 652D fiber, bend-insensitive G.

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The Logic Behind the Rise in Optical Module Prices



From late 2025 into 2026, global fibre optic prices have increased sharply and across the board — standard single-mode, bend-insensitive grades, and in turn pre-terminated assemblies, patch leads, ...



Understanding the cost of optical modules has become a formidable challenge for IT and procurement professionals. Vendor proliferation, rapid technology advancement, and shifting ...



In general, the price increase of optical modules is the inevitable result of strong demand (the AI computing power race) meeting limited supply (bottlenecks in high-end chips, materials, and ...



From late 2025 through the first quarter of 2026, the global fiber optic cable market experienced one of the sharpest and most unexpected price surges in its history. Standard single ...



This article analyzes the current price crisis, projects 2026 trends, and provides actionable procurement advice—while introducing GL FIBER as your reliable partner in volatile times.

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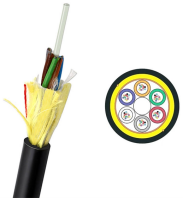
As 2026 progresses, the key question is not only how prices move, but how long structural tightness persists. The answer will influence sourcing strategies and investment decisions across the value chain.



The optical module market has become increasingly competitive, with average selling prices declining at approximately 15-20% annually for mainstream products. Chinese manufacturers have significantly ...



See why G.657A2 and G.652D optical fiber prices are rising in 2025–2026, how FTTH cable budgets are affected, and what procurement teams in Europe, Latin America, Africa and the ...



The optics module market is booming, projected to reach $42 billion by 2033, driven by 5G, cloud computing, and data center expansion. Learn about key market trends, leading ...



In the optical communication industry, the resale of used optical modules is no secret. Data centers, large enterprises, and operators are all driving this market''s activity in various scenarios.

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