

China Mobile doubles its optical module procurement



AI Overview

China Mobile has significantly increased its optical fiber and cable procurement, with the 2025–2026 tender reaching a record scale of 98.8 million fiber-kilometers, reflecting a strategic push to expand its network infrastructure. Procurement Scale and Details China Mobile's centralized procurement for optical fiber and cable in 2025–2026 reached 98.8 million fiber-kilometers, marking a 19.3% year-on-year increase, the largest in the past five years. The tender included loose-tube and outdoor optical cables, with a maximum bid limit of 9.86 billion yuan. The procurement strategy adopted share bidding, allowing multiple suppliers to participate, with top winners receiving significant portions of the total volume. Key Suppliers and Awarded Shares A total of 14 companies were awarded contracts, with the top four—ZTT, Hengtong, YOFC, and FiberHome—securing a combined 60% share, equivalent to 59.3 million fiber-kilometers. ZTT led with a 19.36% share (19.1M F-km), followed by Hengtong at 15.48%, YOFC at 13.55%, and FiberHome at 11.61%. This reflects a competitive but value-focused tender environment, where suppliers are evaluated not only on price but also on production capacity, product quality, delivery reliability, R&D strength, and ESG performance. Market and Strategic Implications The doubling of procurement underscores China Mobile's commitment to expanding 5G access networks, bearer networks, and FTTH deployments domestically. Rising upstream raw material costs and strong domestic and international demand are expected to stabilize or slightly increase optical fiber prices, benefiting suppliers. Internationally, similar infrastructure initiatives, such as the EU's gigabit network plan and the US broadband investment, indicate a broader growth trend in optical fiber demand. Supplier Recognition and Industry Impact ZTT's top ranking in the tender hi...

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China Mobile's general cable bid opening is coming soon ...

China Mobile recently issued a bidding announcement for ordinary optical cables. The estimated purchase scale is about 140 million core kilometers, and the maximum bid limit is 9.86

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China Optical-Module Supplier Poised for Near-Double Profit as AI ...

Zhongji Xuchuang forecast a near-doubling of 2025 net profit to RMB 9.8–11.8 billion, driven by surging demand for high-speed optical modules from data-centre and compute expansion.

China Mobile Started the 2021 Centralized Procurement of Common Optical ...

On September 8, 2021, China Mobile officially started its 2021 centralized procurement of common optical cable. According to its official announcement, the estimated scale of this procurement is

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Vocabulary list of GPT-4o (o200k_base) and GPT-4/GPT-3.5 (cl100k_base) tokenizers. Special tokens are excluded. - kaisugi/gpt4_vocab_list

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On new wafer-fab production lines, domestically made equipment accounted for 55 percent of total procurement value by the end of 2025, exceeding the national 50-percent target

China Mobile's 9.2 billion yuan fiber optic cable order ...

Recently, China Mobile's centralized procurement results of ordinary optical cables from 2021 to 2022 have been released . The estimated scale of this centralized procurement of ordinary optical fiber

ZTE Lands Largest Share of China Mobile's OTN Centralized Procurement ...

ZTE has announced that it has ranked in first place with a share of 50% in China Mobile's centralized procurement 2022-2023 of optical transport networking (OTN) devices.

LightCounting :: January 2025 Vendors & Markets for

The report discusses the history of optical component and module manufacturing in China and analyses challenges ahead. It includes a companion spreadsheet

Global 800G Optical Transceiver Market Size, Share, Industry Trends ...

800G Optical Transceiver Market Overview 2026-2033 The 800G optical transceiver market represents a critical frontier in high-speed optical communication technology, designed to

Telecom Industry Weekly Report: Optical Fiber Assemblies Solutions ...

This week's industry review focuses on the recovery of fiber prices, the completion of China Mobile's special optical cable procurement, and the long-term growth potential driven by AI

ZTT Secures Top Position in China Mobile's 2025–2026 Optical Cable ...

On June 7, China Mobile, China's largest telecom operator and the world's biggest purchaser of optical fiber, officially announced the shortlisted candidates for its centralized procurement of outdoor optical

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This week's industry review focuses on the recovery of fiber prices, the completion of China Mobile's special optical cable procurement, and the long-term growth potential driven by AI

China Mobile Kicks Off 2025-2027 G.654E Optical Fiber and Cable ...

On June 24, 2025, China Mobile released a centralized procurement announcement on its official website, stating that the funds for the 2025-2027 G.654E optical fiber and cable product centralized

China Mobile Announces Eight Successful Bidders for Optical Splitter ...

ICC News - On January 7, 2025, China Mobile released a public notice listing the successful bidders for its centralized procurement project of optical splitter products for the period 2025-2027.

Optical Communication Development in China During the Past 30

This article is an overview on optical communication development in P. R. China during the past 30 years. Based on the initial research and development during 1972-1980, China played an

2025/2026 China Mobile optical cable tender awards

Discover the latest updates on China Mobile optical cable tender. Find out the key insights and winners of the 98.8M F-km bid here.

Why China's optical communications sector is the latest AI boom ...

Optical modules, also known as optical transceivers, convert electrical signals to optical signals, and vice versa, for high-speed data transmission in networking and AI infrastructure systems.

Economic Watch: From optical modules to chips -

BEIJING, June 7 (Xinhua) -- With the global push for AI computing power unleashing an unprecedented wave of infrastructure buildout, China-made optical modules that shuttle data and the chips that ...

ZTE lands largest share of China Mobile's centralized procurement

ZTE's selected devices will help the operator increase the coverage and bandwidth of its provincial networks to satisfy all-optical network development in the era of computing-network

Optical Module Market Analysis and Forecast in 2026

AI computing power has driven explosive growth in the optical module market, with 800G and 1.6T technologies leading the industry transformation.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.dknconsulting.co.za>

Email: info@dknconsulting.co.za

Phone: +31 6 2948 7351

Address: Herengracht 123, 1015 BT Amsterdam, Netherlands

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