Tariff Costs Anti-tracking Optical Cable G 654



Overview

ITU-T Rec. G.654 (12/2006) Characteristics of a cut-off shifted single. This Recommendation describes the geometrical, mechanical and transmission attrib.

Key Takeaways

Anti-tracking optical cables compliant with ITU-T G. 654 are subject to significant anti-dumping tariffs in multiple regions, ranging from 33% to 88% depending on origin and local trade measures. Technical ContextG.

654 optical fiber cables are single-mode fibers optimized for long-haul transmission, with low loss and a cut-off wavelength shifted around 1550 nm, making them ideal for high-speed, long-distance networks. Anti-tracking or anti-crosstalk designs enhance signal integrity in dense deployments, which is critical for telecom and data center applications.

EU Tariff Measures

The European Commission has imposed anti-dumping duties on optical fiber cables from China, following investigations into price manipulation by Chinese exporters. The duties range from 39. 4% to 88%, effectively doubling previous tariffs to prevent unfair competition and protect the EU optical fiber industry.

These measures apply to cables used in broadband and telecom infrastructure, including G. 654 fibers.

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UK Tariff Measures

In the UK, provisional anti-dumping duties have been applied to optical fiber cables imported from China. Importers must provide a bank guarantee during the provisional period, which lasts six months or until definitive measures are implemented. The guaranteed amount is payable only if definitive duties are imposed, ensuring compliance with the Trade Remedies Authority's recommendations.

China Tariff Measures

China has also imposed anti-dumping tariffs on U. S. fiber-optic firms, with rates ranging from 33. 3% to 78.

2%, targeting high-speed optical transmission fibers and data center interconnections. This includes major suppliers like Corning and OFS Fitel. These tariffs are part of China's first anti-circumvention investigation to prevent exporters from avoiding duties by altering product specifications.

Classification and Customs

For customs purposes, G. 654 optical cables are classified under HTSUS heading 8544, which covers insulated optical fiber cables, whether or not assembled with connectors. Proper classification is essential for determining applicable tariffs and compliance with anti-dumping measures.

SummaryEU: 39. 4%–88% anti-dumping duties on Chinese imports UK: Provisional duties with bank guarantees on Chinese imports China: 33. 3%–78.

2% duties on U. S. fiber-optic exports Technical standard: ITU-T G. 654, long-haul, low-loss single-mode fiber Customs classification: HTSUS 8544 for optical fiber cables These tariffs significantly impact the cost of importing G.

654 anti-tracking optical cables, and companies must account for these duties when planning procurement or international deployment.

Article Content

ITU-T Rec. G.654 (12/2006) Characteristics of a cut-off shifted single ...

This Recommendation describes the geometrical, mechanical and transmission attributes of a single mode optical fibre and cable which has the zero-dispersion wavelength around 1300 nm wavelength

G.654 : Characteristics of a cut-off shifted single-mode optical ...

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Update to Anti-Dumping Duty and Countervailing Duty on Optical

Update to Anti-Dumping Duty and Countervailing Duty on Optical Fibre Cables from China – 22 December 2025

EU tightens anti-dumping measures on optical fibre cables from

The European Commission has doubled its anti-dumping duties on optical fibre cables from China, following an investigation which found that Chinese exporters of optical fibre cables were

The Ministry of Commerce: From September 4, the current anti

The Ministry of Commerce announced the decision on the anti-avoidance investigation regarding imports of related cutoff wavelength shift single-mode optical fibers originating in the United States.

ITU-T G.654.E Fiber, PureAdvance for Terrestrial Long-Haul Networks

0.16 dB/km or less, which are fully compliant with ITU-T G.654.E. In this whitepaper, we review ITU-T G.654.E fibers from various points of view; what G.654.E is, what the application of G.654.E is, why

OEM Anti-tracking Optical Cable G 654

Corning"s TXF optical fiber is G.654.E compliant and the ultra-low-loss, large effective area terrestrial fiber is cost-effective for terrestrial core networks.

EU acts against unfairly subsidised optical fibre cables from India

The measures imposed today, as well as the previously imposed ones, aim to ensure that the EU optical fibre industry is not weakened by unfair trading practices and that it can continue to

Spectrum Efficiency and Cost Evaluation for G.654.E Fiber Based

Abstract: We evaluate the spectrum efficiency and the cost of a G.654.E fiber based optical transmission system.

Recommendation ITU -T G.654 (08/2024)

Recommendation ITU-T G.654 Characteristics of a cut-off shifted single-mode optical fibre and cable Summary around the 1550 nm wavelength region. This is the latest revision of this Recommen

Angola Anti-tracking Optical Cable G 654 E

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G.654.E Fibre Cable The cable acts as a mechanical and environmental shield, protecting the fibre from stress, moisture, temperature changes, and other hazards encountered over its service life.

Novel ultra low loss & large effective area G.654.E fibre in ...

Abstract: The paper introduced latest ITU-T G.654.E fiber sepecification and typical G.654.E profile design. Our novel ultra low loss & large effective area fiber attenuation and cabling performance

Optical cable with ITU-T G.654.E fibre removes barriers

For example, combining G.654.E with G.652.D can maximise flexibility and futureproof the network," added Fumiyoshi Ohkubo, General

China imposes anti-circumvention duties on US-made optical fibers

The decision expands current anti-dumping tariffs on US dispersion-unshifted single-mode optical fiber (G.652) to include cut-off shifted single-mode optical fiber (G.654.C).

G.654 : Characteristics of a cut-off shifted single-mode optical ...

- G.654 : Characteristics of a cut-off shifted single-mode optical fibre and cable

G.654.E Fibre Cable

Networks built with G.654.E fibre and coherent optics are inherently more scalable and adaptable to future increases in data traffic. This not only extends infrastructure lifespans but also minimizes the

ITU-T G.654.E Fiber, PureAdvance for Terrestrial Long-Haul Networks

Growth of global data traffic demand is driving continuous requirements for higher capacity optical transmission systems. To support these high capacity systems in terrestrial backbone networks, low

ITU-T RECOMMENDATION G.654

Characteristics of a 1550 nm wavelength loss-minimized single-mode optical fibre cable Reedition of CCITT Recommendation G.654 published in the Blue Book, Fascicle III.3 (1988) NOTES

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