

How much does one meter of butterfly-shaped optical cable cost

Article Overview

Butterfly-shaped optical cables typically range from \$0.03 to \$26.80 per meter, depending on fiber type, jacket material, and order volume.

Price Range and Suppliers

Butterfly FTTH (Fiber to the Home) cables are available in a wide price range. Wholesale options on platforms like Alibaba list prices from \$0.03 to \$26.80 per meter, with bulk orders starting from 5 units, making them suitable for both small and large deployments . Chinese manufacturers such as Wolon and PUYANG YRT Communications also offer competitive pricing, with specialized flat or armored variants costing more due to enhanced durability and environmental protection .

Factors Affecting Price

- o Fiber Type: Single-mode cables (8-10 microns) are generally more expensive than multi-mode (50-62.5 microns) due to longer-distance performance and lower signal attenuation .
- o Jacket Material: LSZH (Low Smoke Zero Halogen) jackets are common for indoor use and slightly more costly than standard PVC or PE jackets .
- o Cable Structure: Armored or metallic-protected butterfly cables designed for outdoor or industrial environments command higher prices .
- o Order Volume: Bulk purchases significantly reduce per-meter costs. For example, Zhengzhou Weunion offers flat cables at \$0.02/meter when ordering 2,000+ meters, while Hunan GL Technology provides \$0.10/meter for 10,000+ meters .
- o Core Count and Brand: Higher fiber counts and premium brands like Corning or YOFC increase cost, while generic fibers are 10-15% cheaper but may have higher bending loss .

Practical Considerations

- o Installation Environment: Indoor, outdoor, or underground deployment affects cable choice and price.
 - o Performance Requirements: High-bandwidth applications or long-distance networks may require single-mode or armored cables, increasing cost.
 - o Shipping and Lead Time: Optimized drum lengths and container loading can reduce shipping costs per meter, but rush orders may incur additional fees .
- In summary, the per-meter cost of butterfly-shaped optical cables varies widely based on technical specifications, environmental requirements, and order quantity. For standard residential FTTH applications, prices typically start around \$0.03-\$0.10 per meter, while specialized or high-performance variants can reach \$20-\$27 per meter .



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Explore detailed insights into fiber optic cable pricing, including cost factors, quality considerations, and long-term value benefits for

Discover our wholesale butterfly fiber optic cable with 9/125 LSZH sheath, available from \$0.03 to \$26.8. Start bulk orders from 5

Understanding the cost of fiber optic cables is crucial for businesses and individuals looking

Discover Butterfly's current offers and promotions. Don't miss out - shop now!

How Much Does Fiber Optic Installation Cost Per Foot? Cable Material Costs: Standard

Main cost drivers include cable grade (indoor vs outdoor, armoured), distance, and labor for trenching, splicing, and

Overview Of Costs Typical project ranges for fiber optic cable per meter span from a low of roughly \$0.65 to a high

How much does fiber optic cable cost? Typically, fiber optic cables range from \$0.30 to \$5 per meter (\$0.09 to \$1.52

Butterfly-shaped optical fiber cables are a popular type of fiber optic cable that is commonly used for data transmission in

The Butterfly leather line optical cable, also known as a butterfly ribbon cable, is a type of fiber optic cable that offers

Butterfly Fiber optic cables are specifically designed for use in indoor environments, often in confined spaces such as inside buildings

Fiber optic cables are essential components in today's broadband, FTTx, and data center

How much does fiber optic cable cost? In general, fiber optic cable price can vary from \$0.3 to \$5 per meter (\$0.09 to \$1.52 per foot).

An indoor butterfly-shaped optical cable is a type of fiber optic cable designed for indoor use. It is named after its unique

Comprehensive analysis of FTTH cable pricing, including cost factors, advantages, and quality considerations

How much does one meter of butterfly-shaped optical cable cost

for fiber optic network

The optical cable has the characteristics of small diameter, light weight, low cost, good softness and bending property. Light weight

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