

Price of 4-core single-mode outdoor optical cable



AI Overview

Outdoor 4-core single-mode optical cables typically cost between \$0.40 and \$1.80 per meter, depending on construction, armor, and environmental rating.

Typical Pricing

Retail pre-terminated cables: For example, a 100-meter reel of 4-core OS2 single-mode outdoor armored cable can cost \$60–\$90 depending on the vendor and specifications (OWIRE).

Per-meter or per-foot cost: Basic outdoor 4-core single-mode cables start around \$0.40 per meter, while ruggedized or armored versions designed for harsh environments can reach \$1.80 per meter.

Wholesale or bulk purchases: Prices may be lower per meter for large-volume orders, sometimes with tiered discounts for reels exceeding 1,000 meters.

Factors Affecting Cost

Cable Type and Fiber Count: Single-mode fiber is generally less expensive per foot than multimode fiber, but higher strand counts increase cost proportionally.

Construction and Armor: Armored cables with steel or stainless steel mesh, loose-tube construction, or rodent protection are more expensive due to enhanced durability for outdoor or direct burial applications.

Jacket Material: Outdoor-rated jackets (UV-resistant, waterproof, temperature-resistant) add to the cost compared to indoor PVC or LSZH jackets.

Installation Considerations: Costs can increase if the cable is intended for underground installation, conduit routing, or long-distance aerial deployment.

Summary

For budgeting purposes, expect a 100-meter outdoor 4-core single-mode armored cable to cost roughly \$60–\$180, translating to \$0.40–\$1.80 per meter. Prices vary based on armor, jacket type, and environmental ratings, with bulk orders or wholesale purchases potentially reducing the per-meter cost. This range covers standard OS2 single-mode cables suitable for long-distance outdoor installations.

Article Content

4 Core Single Mode Fiber Optic Cable Price with

In conclusion, the 4 core single mode fiber optic cable price reflects a combination of material quality, construction type, length, and brand reputation.

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TLC Indoor/Outdoor Fiber Optic Cable with Aluminum Interlocking

This 48-fiber indoor/outdoor cable utilizes Corning SMF-28 Ultra optical fiber, housed within a robust aluminum interlocking armor construction. The cable features a gel-free, loose tube design rated for

FTTH Cable 4 Core Single Mode Bend Insensitive Outdoor

Its main advantage is that a single cable can be used for 2 independent telecom operators. The optical fiber is made of high pure silica and germanium doped silica.

Fiber Optic Cable Types: Single-Mode, Multimode, and

Discover fiber optic cable types, including single-mode (OS1, OS2) and multimode (OM1, OM2, OM3, OM4, OM5), indoor/outdoor variants, and how

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Outdoor Fiber Optic Drop Cable,Fiber Patch Cord jumper,1 /2 /4 Cores

Outdoor Fiber Optic Drop Cable,Fiber Patch Cord jumper,1 /2 /4 Cores, 3 Steel, Single Mode,without Connector, 50m

4-Core Single mode Fiber Optic Cable

Fiber optic 4-core round drop cable consists of four parts, PE plastic cover, multi-strand aramid yarn, PBT loose tube with jelly compound and optical fiber. These

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4 Core Fiber Optic Cable Price List with OWIRE Solutions

Looking at a typical 4 core fiber optic cable price list from OWIRE, prices start around \$0.40 per meter for basic indoor distribution cables and can

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Description for i-Net Networks 2000m 4-Core Singlemode Fiber Optic Cable, G652.D
9/125 Steel Armored Single Loose Tube LSZH (GYXTW) | RASLL-09-04 Fiber Optic
Loose Tube Patch Cord

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Necero Outdoor ADSS Single Mode Communication Fiber Optic Cable Price ...

Type Outdoor Fiber Optic Cable Place of Origin Guangdong, China Number of
Conductors ≥ 10 Product name ADSS-PE outdoor fiber optical cable 24 core 48 core

Loose Tube Outdoor Cable OS2, 4-Core, LC/UPC

Black multi-purpose cable with four cores, rodent protection and pulling aid on both
ends.. From a length of 100 meters, the fiber optic outdoor cables will be

48 Core Fiber Optic Cable GYTY53 Outdoor Armored

48 Core Fiber Optic Cable GYTY53 Outdoor Armored Double Jacket Waterproof Gel
Filled loose tube direct burial is used for direct buried underground, it suit for long

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cable ensures hassle-free installation and seamless connectivity. Equipped with
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