

Price of 48-core optical fiber connector cassette GB standard

Article Overview

The price of a 48-core optical fiber connector cassette typically ranges from \$50 to \$150 USD, depending on fiber type, connector type, and supplier.

Overview

A 48-core fiber optic cassette is designed to manage high-density fiber connections, converting MPO/MTP trunk cables into standard LC, SC, or other connectors. These cassettes are widely used in data centers, FTTH, and enterprise networks. They are available in single-mode (OS2) and multimode (OM3/OM4/OM5) variants, and often come with pre-terminated fanout cables for rapid deployment .

Price Range

- o Alibaba listings for 48-core fiber splice cassettes show prices generally between \$50 and \$150 USD per unit, depending on material (ABS or metal), certification (CE/RoHS), and whether pigtails are included .
- o High-end MTP/MPO cassettes for 40G/100G networks may cost more, especially if they include factory-tested low insertion loss, high return loss, and compliance with IEC/TIA standards .
- o Bulk orders or local Chinese suppliers may offer lower prices per unit, particularly for GB-standard compliant products.

Key Considerations

- o Connector Type: LC, SC, or MPO front ports affect price. MPO/MTP cassettes are generally more expensive due to precision ferrule alignment.
- o Fiber Mode: Single-mode OS2 cassettes are slightly more expensive than multimode OM3/OM4.
- o Standards Compliance: GB-standard cassettes ensure compatibility with Chinese telecom infrastructure, which may influence cost.
- o Accessories: Inclusion of pigtails, adapters, or mounting panels can increase the price. For procurement, it is recommended to request quotes from multiple suppliers, including Alibaba, FS, Optcore, and local distributors, to get the most accurate pricing for GB-standard 48-core cassettes .

OPTCORE provides MTP®/MPO Cassette in various types and lengths for high-density 40G/100G/400G networks. Guaranteed

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in all types of

FS FHD/FHZ series MTP®/MPO/TAP Fiber cassettes provide secure transition between MTP®/MPO and

The Centrix(TM) XL splice cassette provides up to 48 LC or 36 SC single fiber ports. The cassette is loaded with Duplex adapters,

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Discover fiber splice cassettes for FTTH networks with ABS construction, 12-96 core options, and CE/RoHS

Discover 48 core fiber optic cable for outdoor use--durable ADSS design, G652D single-mode fiber, CE/ROHS certified. Ideal for

MPO / MTP Cassette Modules provide secure transition between MPO /MTP and LC or SC discrete connectors. They

48 Core Fiber Optic Distribution Box- (DT-FDB-8048),Design Suitable for indoor or Outdoor,Number of 4 inlet/Outlet (Total:

1U 48 Cores Fiber Optic Patch Panel LC SC FC ST MPO Cassette Fiber Optical Box This Fiber Optical

The 48-Core Fiber Terminal Box is a versatile, high-capacity solution for FTTx applications, offering secure splicing, distribution, and

FTTH 48 96 144 288 Cores Fiber Cable Joint Box Fiber Optic Splice Closure Fiber Optical Enclosure Terminal Box The equipment is

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