

Price of Mobile Optical Cable Four-Pipe Connector



AI Overview

The price of a 4-fiber MPO/MTP optical cable connector typically ranges from \$20 to \$150 depending on length, fiber type, and performance specifications.

Overview

A Mobile Optical Cable Four-Pipe Connector generally refers to a 4-fiber MPO (Multi-Fiber Push-On) or MTP (Multi-Fiber Termination Push-On) cable assembly, which consolidates multiple fibers into a single connector for high-speed data transmission. These cables are widely used in data centers, telecommunications, and high-speed network applications.

Factors Affecting Price

- Fiber Type:
 - Singlemode (OS2): Best for long-distance communication; slightly higher cost.
 - Multimode (OM3/OM4): Cost-effective for shorter distances; commonly used in SR4 or DR4 transceivers.
- Cable Length: Longer cables increase material and shipping costs. Typical lengths range from 1 meter to 50 meters.
- Connector Quality:
 - Standard MPO connectors: Lower cost, insertion loss ~ 0.75 dB.
 - Low-loss or "Elite" MPO/MTP connectors: Higher cost, insertion loss ~ 0.35 dB, suitable for 400G+ networks.

Article Content

Fiber Optic Connectors Market Report 2026, Growth and Trends

What Is Covered Under Fiber Optic Connectors Market? Fiber optic connectors refer to high-speed connectors that are used for

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The opticalCON QUAD cable connector accommodates four PC optical channels based on conventional and proven LC connectivity

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