

Price list for 24-core fiber optic cable connectors



Overview

Discover premium quality 24 core fiber optic cable termination designed to enhance connectivity and performance. Ideal for business buyers seeking reliable solutions.

Key Takeaways

The cost of a 24-core fiber optic cable connector or pre-terminated assembly typically ranges from \$50 to \$200 per connector, depending on type, fiber mode, and construction.

Pricing Overview

The price of a 24-core fiber optic connector depends on several factors: Connector Type: Common connectors include LC, SC, MPO/MTP, and ST. MPO/MTP connectors are widely used for high-density 24-core cables and are generally more expensive than LC or SC connectors. Fiber Type: Single-mode (SMF) connectors are usually more costly than multimode (MMF) due to precision requirements and performance over long distances.

Pre-

Terminated Assemblies: Factory-terminated cables with connectors installed can cost more than bulk connectors alone, often ranging from \$50 to \$200 per assembly for 24-core configurations. Cable Construction: Indoor riser-rated, plenum-rated, armored, or outdoor-rated cables influence connector pricing because specialized terminations are required for durability and environmental protection.

Cost Estimates

Bulk Connectors Only: Individual MPO/MTP connectors for 24-core cables can cost approximately \$10-\$30 each, depending on quality and vendor.

Pre-

Terminated 24-Core Assemblies: Complete assemblies with connectors installed on both ends typically range from \$50 to \$200 per cable, depending on fiber type, length, and environmental rating. **Additional Factors:** Custom configurations, high-performance low-loss connectors, or armored cable terminations can increase costs further.

Practical Considerations

When budgeting for 24-core fiber optic connectors: **Plan for Installation:** Pre-terminated assemblies reduce field termination labor but increase material costs. **Choose Compatible Connectors:** Ensure the connector type matches your patch panels and transceivers. **Consider Fiber Mode:** Single-mode is preferred for long-distance or high-speed applications, while multimode is suitable for shorter distances and data centers.

In summary, expect to pay \$50-\$200 per 24-core connector assembly, with individual connectors costing less if purchased separately. Prices vary based on fiber type, connector type, and cable construction.

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The FOA Reference For Fiber Optics

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