

Types of Fiber Optic Connectors in Cambodia



Overview

The Cambodia Fiber Optic Connectors Market is projected to witness mixed growth rate patterns during 2025 to 2029.

Key Takeaways

Fiber optic cable connector packages in Cambodia include SC, LC, and APC types, available from multiple local suppliers with customizable lengths and core counts. Available Connector Types and Packages

In Cambodia, fiber optic connectors are commonly available in SC, LC, and APC configurations, suitable for both single-mode and multimode fibers (). Packages typically include pre-terminated cables with connectors on both ends, such as SC APC M/M 3M, which provides high-speed, reliable connectivity for networking and telecommunications applications (). Connector packages may come in various lengths, commonly ranging from 1 meter to 100 meters or more, depending on project requirements.

Technical Considerations

When selecting a fiber optic connector package, consider:

- Fiber Type: Single Mode (G.652D, G.657A2) or Multimode (OM1, OM2, OM3, OM4) ().
- Core Count: Options include 24, 48, 144 cores for larger network deployments ().

- **Attenuation and Bandwidth:** Ensure low signal loss and sufficient bandwidth for your application ().

- **Environmental Protection:** Outdoor cables may include moisture-resistant gel filling and reinforced jackets (e.g., GYFTA) for durability ().

Suppliers and Purchasing Options

Several suppliers in Cambodia provide fiber optic connector packages:

- **Legrand Cambodia:** Offers a range of fiber optic plugs, connectors, panels, and drawers suitable for enterprise and telecom networks ().

- **PTC Computer:** Stocks pre-terminated SC APC cables and other connector types for immediate deployment ().

- **Accio and Trademo:** Provide directories of verified suppliers, bulk pricing options, and shipment details for large-scale projects ().

Cost and Bulk Considerations

- **Bulk Orders:** Discounts are often available for orders exceeding 100 km of cable or large quantities of connectors ().

- **Installation and Maintenance:** Factor in installation complexity, potential downtime, and long-term maintenance when evaluating total project cost ().

- **Quality Assurance:** Request test reports and certifications to ensure compliance with ITU-T standards and Cambodian telecom regulations ().

After-Sales Support

Reliable suppliers provide technical assistance, warranty coverage, and spare parts availability, which are critical for maintaining network continuity (). By evaluating these factors, you can select the most suitable fiber optic connector package for your project in Cambodia, ensuring compatibility, performance, and cost-efficiency.

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