

Formula Table for Calculating the Unit Price of Pigtail Fiber

Article Overview

The unit price of a fiber optic pigtail can be calculated using a formula that accounts for fiber type, connector type, length, quantity, and additional specifications.

Key Factors Affecting Unit Price

- Fiber Type: Single-mode (G.652.D, G.657.A1) or multimode (OM3, OM4) fibers affect cost due to performance and bending tolerance .
- Connector Type: SC, FC, ST, MT-RJ, or E2000; APC or UPC versions influence price due to precision and insertion loss .
- Length: Standard lengths (e.g., 1.5m) or custom lengths; longer fibers may increase cost.
- Jacket Material: LSZH, PVC, or ruggedized materials for indoor/outdoor use .
- Quantity: Bulk orders often reduce unit cost.
- Testing & Certification: Insertion loss, return loss, RoHS, CE, ISO9001 compliance may add to cost .

Unit Price Calculation Formula

The general formula for calculating the unit price of a pigtail fiber is: $\text{Unit Price} = \text{Base Fiber Cost} + \text{Connector Cost} + \text{Length Adjustment} + \text{Jacket Material Cost} + \text{Testing/Certification Cost} - \text{Bulk Discount}$ Where:

- Base Fiber Cost = Cost per meter of the selected fiber type
- Connector Cost = Cost of the specific connector type (SC, FC, ST, etc.) and versio...

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Pigtail fiber characteristics

Pigtail, also known as pigtail, has only one end with a connector, and the other end is a broken

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Pigtail - FiberWareHouse

Cables Pigtail E2000/APC, SM, 9/125, 0,9mm, G652D fiber, 1m R75.50 ___Incl. VAT
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