

Price of Pigtail Fiber After Grinding

Article Overview

Fiber optic pigtails typically range from INR19 to INR20 per piece in India, with prices varying based on fiber type, connector, and supplier.

Overview of Pricing

The cost of fiber optic pigtails depends on several factors, including fiber mode (single mode or multimode), connector type (SC, LC, ST, FC), and whether the pigtail is pre-terminated or ready for splicing. Suppliers on IndiaMART list competitive prices for standard pigtails, starting at INR19-INR20 per piece for basic models, which are suitable for field splicing and network installations (IndiaMART, 2026) . Retailers like FS.com, Amazon, and specialized fiber optic stores also offer pigtails, with prices varying depending on quality, fiber count, and connector type. Pre-terminated pigtails with polished connectors (UPC or APC) and high-quality fiber (OS2 single mode or OM3/OM4 multimode) are generally more expensive but provide low-loss, reliable connections for professional installations (FS.com, 2026; FiberOptics4Sale, 2026; MEFiberOptic, 2026) .

Factors Affecting Cost After Grinding

- o Connector Type: LC and SC connectors are common; LC is preferred for high-density setups, while SC is widely used in telecom. FC connectors are more secure but slightly costlier.
- o Fiber Mode: Single mode fibers (OS2) are typically used for long-distance, high-bandwidth applications and may cost more than multimode fibers.
- o Pre-Termination/Grinding: Pigtails that are factory-polished or ground for splicing reduce field labor but slightly increase unit cost compared to raw fibers.

Practical Considerations

- o Bulk orders often reduce the per-piece cost.
- o Contacting suppliers directly is recommended to get updated pricing, delivery options, and bulk discounts.
- o For specialized applications, such as 10G OM3/OM4 fibers or low-loss connectors, prices may exceed the basic INR19-INR20 range. In summary, expect pigtail fiber prices after grinding or pre-termination to start around INR19-INR20 per piece in India, with variations based on fiber type, connector, and supplier. For precise quotes, contacting suppliers like Connecting Insulation System, SHRM Infra, or SRK Fiber is advisable (IndiaMART, 2026) .

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ABSTRACT This paper compares two different methods of field termination for multimode fiber: fusion spliced pigtails and pre

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