How much does 10 Gigabit fiber optic pigtail cost



Overview

Featuring SC style connectors, the pigtails are sold individually rather than limiting you to pre-packaged quantities.

Key Takeaways

10 Gigabit fiber optic pigtails typically range from $2 to $10 per unit depending on fiber type, connector, and length.Pricing Overview
• OM3 50/125 Multimode Fiber Pigtails: Simplex 10G OM3 pigtails with SC, LC, ST, or FC connectors generally cost around $2 to $5 per unit for standard 1-meter lengths, with prices increasing for longer lengths or specialized fan-out configurations (Fiberinthebox, Optcore, L-com) .

• OM4 50/125 Multimode Fiber Pigtails: Higher-bandwidth OM4 pigtails, often with LC connectors, are priced slightly higher, typically $4 to $10 per unit, reflecting their improved performance and suitability for longer-distance 10G, 40G, or 100G Ethernet applications (FOCONEC) .

• Multi-Fiber or Ribbon Pigtails: Pigtails with 4, 6, 8, 12, or 24 fibers, including fan-out kits, are more expensive due to additional fibers and assembly complexity, with prices varying widely based on fiber count and connector type (Fiberinthebox, Fosco Connect) .
Factors Affecting Price
• Connector Type: LC connectors are common in high-density applications and may cost slightly more than SC or ST connectors,

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• Fiber Type: OM4 fibers are more expensive than OM3 due to higher bandwidth and longer reach.

• Length: Standard lengths (1m–2m) are cheaper; custom lengths increase cost.

• Quantity: Bulk orders often reduce per-unit cost.

• Special Features: Armored pigtails, tight-buffered cables, or pre-polished connectors can increase price.
Summary

For standard 10G OM3 simplex pigtails, expect $2–$5 per unit, while OM4 or multi-fiber configurations can range $4–$10 or more per unit. Prices vary by vendor, connector type, and length, so contacting suppliers like Fiberinthebox, L-com, Optcore, or FOCONEC for exact quotes is recommended .

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