Price range of South African fiber optic transceiver connectors

Overview

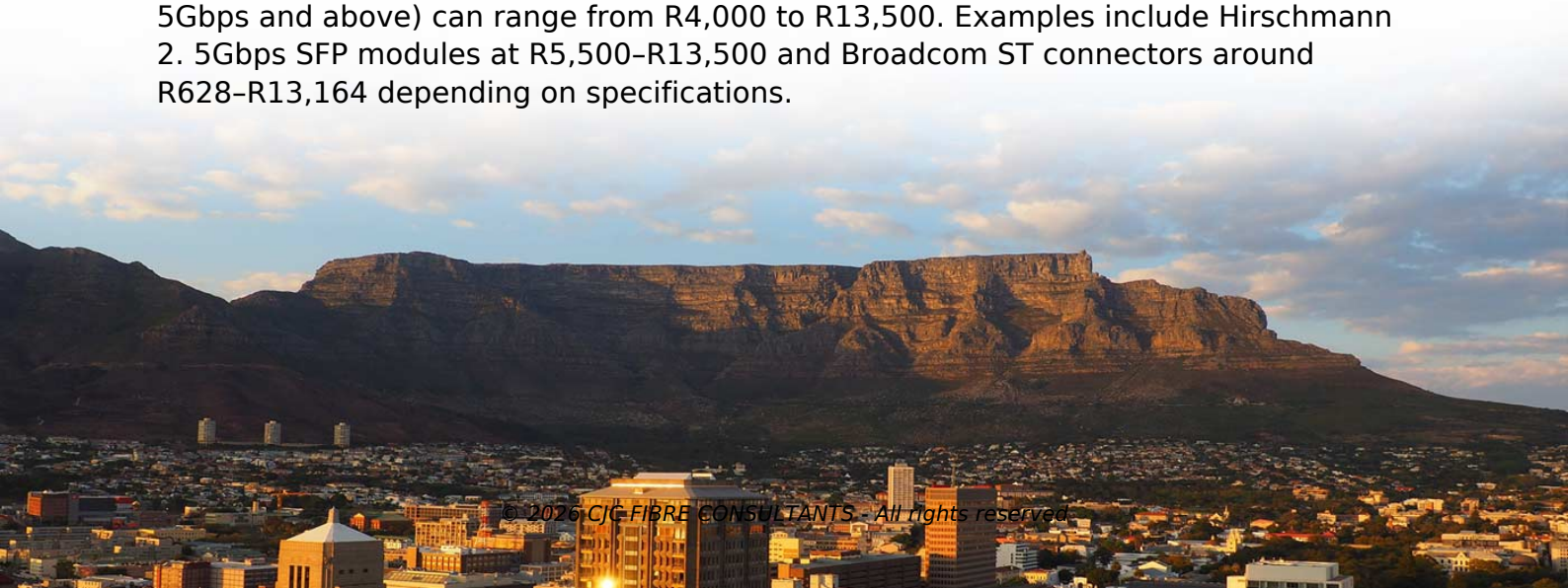
Fibre Optic Transceivers & Connectors | RSThere are many kinds of models of transceivers available, which range in performance, size and price. Common feat.

Key Takeaways

Fiber optic transceiver connectors in South Africa range from approximately R5 to over R13,000 depending on type, data rate, and brand. Overview of PricingLow-cost connectors and adapters: Basic fiber optic connectors, patch cables, and adapters such as LC, SC, ST, and FC types can start as low as R5 to R50 for short multimode patch cables or simple adapters (FiberWareHouse, Southern Elements, Attac-SA) and up to R300 for more robust or longer cables. Mid-range transceivers: Standard SFP, SFP+, and multimode transceivers for 1Gbps to 10Gbps typically cost between R300 and R1,500 depending on wavelength, distance, and manufacturer.

For example, Hirschmann 1Gbps SFP modules are priced around R293–R800, while Teltonika 1. 25Gbps SFP modules are around R35–R67. High-end or specialized transceivers: Single-mode, long-distance, or high-speed transceivers (10Gbps–2.

5Gbps and above) can range from R4,000 to R13,500. Examples include Hirschmann 2. 5Gbps SFP modules at R5,500–R13,500 and Broadcom ST connectors around R628–R13,164 depending on specifications.



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Factors Affecting Price

Connector Type: LC, SC, ST, MPO/MTP, and hybrid connectors vary in cost, with LC and SC being most common and generally cheaper. Data Rate & Distance: Higher data rates (10Gbps, 25Gbps, 100Gbps) and longer transmission distances increase cost. Single-mode vs Multimode: Single-mode transceivers for long-distance applications are more expensive than multimode for short-range.

Brand & Compliance: Premium brands like Hirschmann, Siemens, Broadcom, and Amphenol command higher prices, often including certifications like RoHS, ISO, or FCC compliance. Accessories & Kits: Polishing kits, cleaning kits, and media converters add to the overall cost, ranging from R190 to R11,000.

Summary

Budget connectors/adapters: R5 – R300Standard SFP/SFP+ transceivers: R300 – R1,500High-performance or long-distance transceivers: R4,000 – R13,500Specialized kits and tools: R190 – R11,000 This range provides a practical guide for planning procurement or network upgrades in South Africa, covering both low-cost patch cables and high-end transceiver modules.

Article Content

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There are many kinds of models of transceivers available, which range in performance, size and price. Common features for transceivers include clock recovery, stand alone, pigtail, and input and output

SFP Transceivers – Southern Elements

SFP Transceivers Sort by: Show: SFP Transceivers Fiber AOC Cable - QSFP28 100Gbps R2,927.19 – R3,148.94 inc VAT SFP Transceivers Fiber AOC Cable - QSFP 40Gbps R2,163.56 – R2,394.98 inc

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