

How much does fiber optic logging cable cost in Guinea



Article Overview

Fiber optic cable in Guinea typically ranges from \$0.10 to \$1.50 per meter, depending on type, fiber count, and installation complexity.

Estimated Material Costs

The unit price of fiber optic cables varies by type and construction:

- Single-mode outdoor cable: \$0.10–\$0.50 per meter
 - Multimode (OM1/OM2/OM3): \$0.10–\$0.60 per meter
 - Armored cable: \$0.30–\$1.00 per meter
 - Aerial/self-supporting cable: \$0.40–\$1.50 per meter
- Prices increase with higher fiber counts, armored construction, or specialized environmental ratings suitable for tropical or harsh conditions .

Installation and Deployment Considerations

In Guinea, deployment costs can be influenced by:

- Terrain and accessibility: Trenching or aerial installation affects labor costs. Labor rates may vary locally, but globally, trenching and splicing can range from \$0.60 to \$3.00 per foot depending on complexity .
- Use of existing infrastructure: Leveraging poles or conduits can reduce costs by up to 25–30%

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