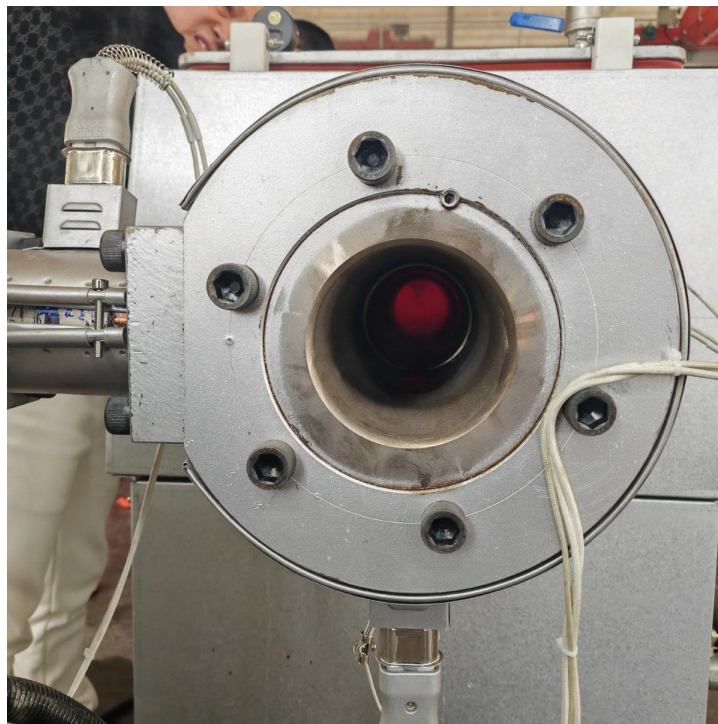


# Fiber Optic Cable Line

Product Technical Sourcing Proposal  
Electronics & Energy Systems



Real supplier reference image. Final brand, model and appearance depend on selected quotation.

## RECOMMENDED SUPPLY CONFIGURATION

Select the minimum rating that safely covers the verified electrical load, while matching the site's voltage, frequency, protection scheme, enclosure environment and control interfaces.

## Product Overview, Applications & Primary Use

Fiber production with precise drawing, UV coating and OTDR testing for high-speed networks.

### Technical sourcing approach

- Confirm the real operating duty and site conditions before comparing models.
- Compare supplier quotations against one common technical specification.
- Require a factory test, drawings, manuals and a critical-spares list.
- Plan freight, inspection, installation interfaces and after-sales support before purchase.

### Applications and primary use

- Industrial power distribution, protection, control or monitoring duties defined by the project.
- New installations that must integrate with the existing electrical system.
- Replacement or capacity upgrades after rating and interface compatibility are verified.
- Indoor or outdoor service after confirming enclosure and environmental requirements.



## Product-Specific Technical Specification

| Selection parameter   | Required function / value                                          | Buyer or site input                            |
|-----------------------|--------------------------------------------------------------------|------------------------------------------------|
| Electrical rating     | Voltage, current or power rating for the intended duty             | Provide load and supply data                   |
| Phase and frequency   | Match the Afghan site power system                                 | State phase arrangement and frequency          |
| Protection            | Coordinate overload, short-circuit and earth-fault protection      | Provide upstream and downstream device ratings |
| Control functions     | Include only required automatic, manual and alarm functions        | List operating sequence                        |
| Interfaces            | Connect correctly to generators, sensors, PLC or monitoring system | Provide signal and protocol list               |
| Enclosure             | Protect components in the installation environment                 | State indoor/outdoor and IP requirement        |
| Installation          | Match cable entry, mounting and service clearances                 | Provide layout or single-line diagram          |
| Testing/documentation | Factory tests, drawings and manuals for acceptance                 | Define required test records                   |

### Buyer checklist and quotation requirements

- Provide the single-line diagram or intended connection arrangement.
- State voltage, frequency, phases, maximum load and duty cycle.
- Confirm fault level and the ratings of connected protective devices.
- List automatic sequence, alarms, interlocks and communication requirements.
- State enclosure location, IP rating, temperature, dust and ventilation conditions.
- Confirm cable entry, terminal sizes, mounting and available installation space.
- Request schematic drawings, test records, manuals and critical spare parts.

Final technical parameters, included accessories and acceptance criteria must be confirmed in the supplier quotation, test report and purchase contract. Do not purchase from photographs alone.

## Indicative Product Pricing & Supply Guide

### PRODUCT QUOTATION BASIS

Final pricing for Fiber Optic Cable Line follows the confirmed technical specification, required rating or capacity, included accessories, inspection scope, delivery terms and destination.

| Supply component                   | Indicative planning range | Quotation basis                             |
|------------------------------------|---------------------------|---------------------------------------------|
| Main electrical equipment          | US\$18k-95k               | Minimum safe rating and essential functions |
| Protection, controls and enclosure | US\$6k-30k                | Only required devices and interfaces        |
| Freight and clearance              | US\$6k-28k                | Consolidated shipment where practical       |
| Installation, cabling and testing  | US\$4k-20k                | Local team with supplier support            |
| Low-entry electrical package total | US\$34k-173k              | Final price follows confirmed ratings       |

### Technical sourcing and delivery process

|         |                                                                         |
|---------|-------------------------------------------------------------------------|
| Phase 1 | Define requirement and request comparable quotations - 1 to 2 weeks     |
| Phase 2 | Technical clarification, negotiation and inspection plan - 1 to 3 weeks |
| Phase 3 | Manufacture or refurbishment - typically 3 to 10 weeks                  |
| Phase 4 | Shipping and customs clearance - typically 3 to 7 weeks                 |
| Phase 5 | Local installation, training and trial operation - 1 to 3 weeks         |

These are non-binding planning ranges. Final product price and delivered cost depend on the confirmed specification, accessories, inspection, freight, customs, exchange rate and destination.

## Sanaatchi Support & Contact

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- Supplier search using one confirmed product specification
- Side-by-side technical and commercial quotation comparison
- Factory test, documentation and pre-shipment inspection coordination
- Lowest-cost practical logistics planning from China to Afghanistan
- Installation-interface, spare-parts and after-sales coordination

### **Sanaatchi Industrial Vision Group**

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### Supplier image references

- Supplier image reference:

<https://image.made-in-china.com/2f0j00nZpcSgTdkSuv/PE-Carbon-Spiral-Pipe-Equipment-Carbon-Spiral-Pipe-Production-Line-for-Fiber-Optic-Cable.jpg>

- Supplier image reference:

<https://image.made-in-china.com/2f0j00egABYNaySlcd/FEP-Cable-Extrusion-Production-Line-for-Fiber-Optic-Cable-Applications.jpg>