

Price of Flexible Optical Cable



Overview

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Key Takeaways

Flexible optical cables are available in various types and specifications, with prices ranging from approximately ₹13.65 per meter for single-core cables to over ₹41,658 per meter for high-core industrial flexible cables, depending on core count, insulation type, and voltage rating. Overview of Flexible Optical Cable Pricing

Flexible optical cables are offered in single-core, multi-core, armored, and FR/FRLS insulated variants. Prices vary based on conductor size, insulation type, and packaging. For example, Ajit Power Solutions provides a detailed price list for industrial flexible cables:

- Single-core cables: ₹13.65 to ₹9,286 per meter depending on conductor size (0.5–400 sq.mm) and insulation type (FR/FRLS)
- Multi-core cables: 2–16 cores range from ₹78.25 to ₹9,671 per meter



- High-core industrial cables: 19-50 cores can cost ₹277 to ₹41,658 per meter, depending on specifications and voltage grade (1100V) These cables conform to IS 694:2010 standards and include bright annealed copper conductors for high conductivity and flexibility .

Types and Features

- FR/FRLS Insulated Cables: Flame-retardant, low smoke, halogen-free, suitable for industrial environments

- Armored Flexible Optical Cables: Stainless steel loose tube or armored for harsh environments, approved for military and industrial use

- PVC or TPE Insulated Cables: Flexible, durable, and resistant to temperature variations (-40°C to 85°C)

- Multi-core Options: Available in 2-50 cores, suitable for complex industrial or networking applications

Supplier Options

- Ajit Power Solutions: Offers comprehensive industrial flexible cable price lists with detailed rates per meter and per coil

- Polycab and Finolex: Provide FR, FRLS, and multi-core flexible cables with downloadable price lists for current rates

- DirectIndustry: Lists multiple brands like Oki Electric Cable, BANNER, and LEMO, with specifications for flexible optical cables suitable for harsh environments

How to Access Price Lists

- Ajit Power Solutions: PDF price list available online, updated as of October 2024, covering single-core and multi-core industrial flexible cables

- Polycab: Downloadable consolidated price lists from Vashi Integrated Solutions or Prabhat Cables websites for current pricing

- Finolex: Price lists for industrial and flexible cables, including fiber optic options, available via Vashi Integrated Solutions For accurate procurement, it is recommended to download the latest PDF price lists from the respective suppliers, as prices may vary based on order quantity, core count, and insulation type.

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