

Article Overview

A 6-core armored fiber optic cable in Sri Lanka provides high-speed, durable, and weather-resistant connectivity for outdoor and industrial applications.

Key Specifications

- o Fiber Type: OM3 Multimode (50/125 um) suitable for 10Gbps data transmission .
- o Core Count: 6 fibers, allowing multiple channels for data or redundancy.
- o Armoring: Steel corrugated tape or industrial TPU jacket for protection against physical damage, rodents, and environmental hazards .
- o Jacket Material: PE (Polyethylene) or TPU (Thermoplastic Polyurethane), offering water resistance, UV protection, and high/low temperature tolerance .
- o Connectors: LC-LC pre-terminated for easy integration into existing networks .
- o Installation: Suitable for direct burial, overhead, or conduit routing, making it ideal for harsh outdoor environments, industrial sites, and construction areas .

Advantages

- o Durability: Armored design prevents damage from rodents, mechanical stress, and environmental factors.
- o High-Speed Transmission: Supports 10Gbps networks, suitable for data centers, industrial networks, and FTTH deployments.
- o Versatility: Can be used both indoors and outdoors, with direct burial capability for long-distance installations.
- o Compliance: Many Sri Lankan suppliers, such as Eastlink.lk and ACL Cables, provide cables that meet international standards for optical fiber performance and durability .

Local Suppliers in Sri Lanka

- o Eastlink.lk: Offers 6-core singlemode and multimode armored outdoor cables with PE jackets .
- o Ubuy Sri Lanka: Provides 500ft (150 meters) 6-core OM3 multimode industrial TPU armored fiber patch cables with LC-LC connectors, suitable for direct burial and harsh environments .
- o ACL Cables PLC: Leading local manufacturer with a wide range of fiber optic cables, including armored 6-core options compliant with international standards .

Applications

- o Industrial and commercial networking in harsh environments.



Sri Lanka Anti-Catling Optical Cable 6 Cores

- o Outdoor FTTH (Fiber to the Home) deployments.
- o Data centers requiring high-speed, reliable fiber connections.
- o Direct burial installations along roads, snowfields, or construction sites. This 6-core anti-catling optical cable is ideal for users in Sri Lanka seeking robust, high-performance fiber optic solutions for both indoor and outdoor applications, ensuring long-term reliability and minimal maintenance.

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ACL Cables evolved as the No. 1 cable in Sri Lanka since inception in 1962. During its 55 year operation

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our primary objective of marketing infrastructure material to support the telecommunication and data industry in Sri Lanka our

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High-quality fiber optic cables from Eastlink.lk ensure reliable, high-speed data transmission over long distances.

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