

Southern European Multimode Logging Optical Cable Brands



Overview

Fiber-Mart provides fiber optic cables, patch cords, pigtails and cable assemblies in singlemode & multimode.

Key Takeaways

Key Southern European manufacturers of multimode optical cables include Prysmian Group (Italy), Nexans (France), and Eland Cables (Italy), all offering high-quality solutions for data and logging applications. Leading Brands



1. Prysmian Group (Italy) Prysmian Group, headquartered in Milan, is a global leader in fiber optic cables, including multimode variants suitable for LAN, SAN, and industrial logging applications. Their cables are designed for high bandwidth, low signal loss, and durability in indoor and outdoor environments. Prysmian's BendBright XS fibers allow tight-radius bends without signal degradation, making them ideal for complex installations in Southern European infrastructure projects . 2. Nexans (France) Nexans provides multimode optical cables that comply with European fire safety standards (CPR-compliant, Cca-rated). Their products maintain signal integrity under challenging conditions and are widely used in telecommunications, data centers, and industrial networks. Nexans offers flexible cable designs with fast lead times, suitable for customized logging and monitoring systems . 3. Eland Cables (Italy) Eland Cables specializes in multimode fiber optic cables for both indoor and outdoor installations. Their products include loose tube and tight-buffered constructions, armored options (STA and SWA), and low smoke zero halogen (LSZH) sheaths. These cables are optimized for short-distance, high-speed data transmission, making them suitable for logging networks and local monitoring systems .

Additional Considerations

- **Cable Type:** Multimode fibers are preferred for short-distance, high-bandwidth applications, typically up to 2 km. They are ideal for logging systems where multiple light paths are acceptable .
- **Environmental Suitability:** Southern European installations often require cables resistant to heat, UV exposure, and moisture. LSZH and armored constructions are recommended for outdoor or industrial environments .
- **Customization:** Many manufacturers, including Prysmian and Nexans, offer bespoke solutions for specific logging or monitoring requirements, including specialized connectors and pre-terminated assemblies . These brands represent the most reliable Southern European options for multimode optical cables, combining high performance, compliance with European standards, and regional availability.

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