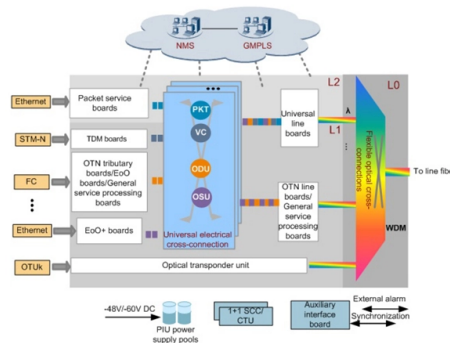


Methods for handling excess fiber optic cable



Article Overview

Proper handling of excess fiber optic cable involves careful coiling, safe storage, contamination prevention, and adherence to safety protocols to maintain cable integrity and network performance.

Coiling and Storage

Excess fiber optic cable should be coiled in large, loose loops to prevent stress on the delicate fibers and avoid microbends that can cause signal loss . Use cable reels specifically designed for fiber optics, which maintain the correct bend radius and prevent kinks or twists . Avoid tight loops or compressing the cable with zip ties; if ties are necessary, use Velcro fasteners loosely to prevent crushing the cable . Store cables in cool, dry, and dust-free environments to protect against moisture and contamination .

Contamination Prevention

Fiber optic cables are highly sensitive to dust, oils, and debris, which can degrade signal quality . Always clean cables before storage using lint-free cloths and isopropyl alcohol . Keep connectors capped when not in use, and avoid touching endfaces with bare hands . For long-term storage, consider protective packaging such as cable bags or boxes to shield cables from environmental contaminants .

Safety Measures...

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Optical Fiber Cable Optical Fiber Cable In

All Fiber Optic Cable reels should be stored upright Laying the reel on its side may cause damage to the reel flange and/or cause the

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://khanimamboguesthouse.co.za>

Email: sales@khanimamboguesthouse.co.za

Phone: +27 64 852 1973

Address: Unit 7, Greenway Business Park, 8 Innovation Drive, Centurion, 0157, South Africa

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