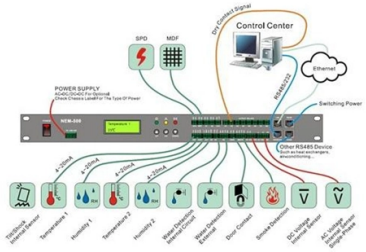
Papua New Guinea Earthquake-resistant Cable Tray Company



Overview

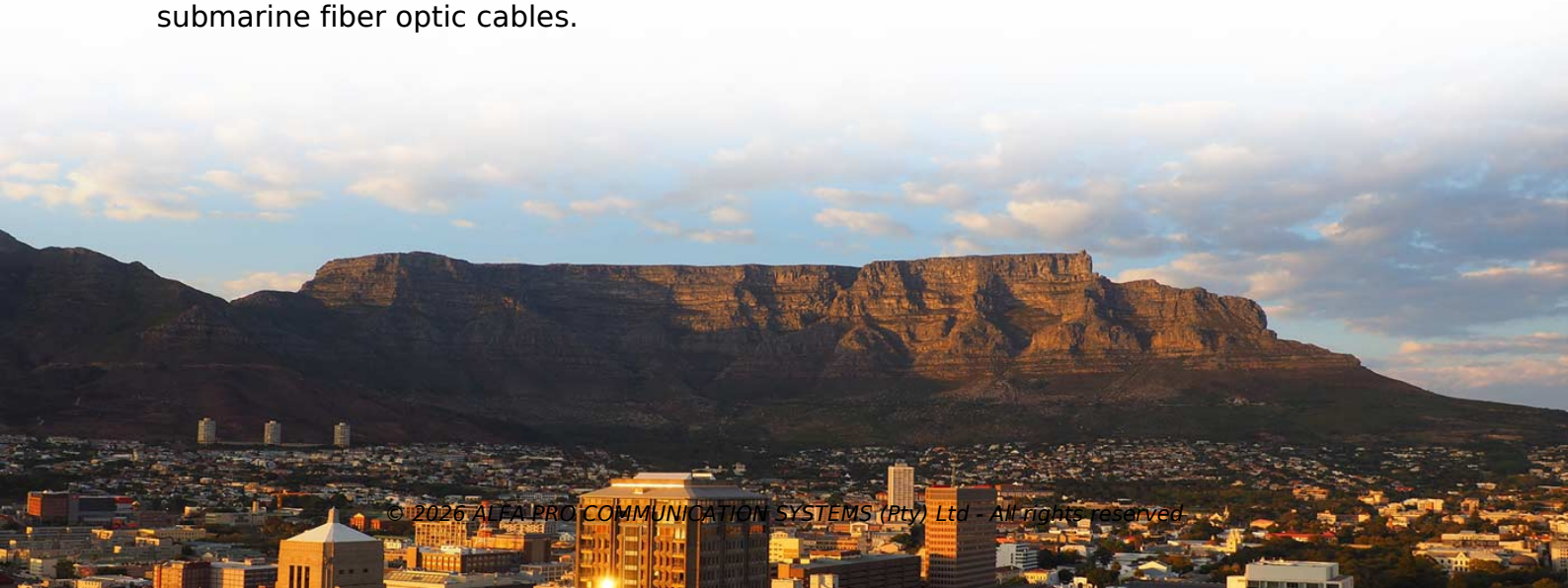
PCRIC and WTW launch parametric quake cover for Papua New The parametric insurance policy will provide rapid payouts following earthquakes that are expecte.

Key Takeaways

PNG DataCo leads efforts to protect critical submarine cable networks from earthquake damage, highlighting the need for earthquake-resistant cable infrastructure.

Context and Need

Papua New Guinea (PNG) is highly seismically active, with recent earthquakes causing partial outages in the national submarine cable network, including the Kumul Domestic Submarine Cable System (KSCN) and other links connecting the islands and international points. These events underscore the importance of earthquake-resistant cable trays and infrastructure to maintain reliable telecommunications and data services. Key OrganizationsPNG DataCo: A state-owned enterprise responsible for constructing, owning, and operating PNG's national transmission network, including submarine fiber optic cables.



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The company oversees the installation and maintenance of critical cable infrastructure and has been actively seeking solutions to mitigate earthquake damage. Pacific Catastrophe Risk Insurance Company (PCRIC): Collaborates with PNG DataCo to provide parametric insurance for rapid financial response following earthquake damage, ensuring continuity of services while repairs are conducted. Willis Towers Watson (WTW): Provides advisory and risk management support to design bespoke insurance and resilience strategies for PNG's cable networks.

Earthquake-

Resistant Cable Solutions

While specific suppliers of earthquake-resistant cable trays in PNG are not listed in the available sources, the following approaches are relevant for seismic resilience: Seismic-rated cable trays: Designed to withstand vibrations and ground movement, often using reinforced steel or aluminum with flexible mounting systems. Submarine cable protection: Includes armored conduits, shock-absorbing mounts, and redundant routing to prevent service disruption during earthquakes. Redundant network design: PNG DataCo emphasizes multiple cable paths and backup links to maintain connectivity even if one segment is damaged.

Recommendations for Sourcing

Organizations seeking earthquake-resistant cable trays in PNG may consider: International suppliers specializing in seismic-rated cable trays, such as Legrand, Cablofil, or Thomas & Betts, which can provide products suitable for tropical and seismic conditions. Local engineering contractors with experience in telecommunications infrastructure, who can integrate seismic-resistant mounting and tray systems. Collaboration with PNG DataCo for guidance on standards and installation practices for critical network resilience.

Conclusion

Although there is no publicly listed earthquake-resistant cable tray company based in PNG, PNG DataCo's initiatives and partnerships highlight the critical need for seismic-resilient cable infrastructure. Organizations can leverage international suppliers, local contractors, and guidance from PNG DataCo to implement robust cable tray systems capable of withstanding earthquakes, ensuring continuity of vital communications.

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Article Content

PCRIC and WTW launch parametric quake cover for Papua New

The parametric insurance policy will provide rapid payouts following earthquakes that are expected to result in damage to the submarine fibre optic cable network surrounding PNG, which is

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City product details_1-Tianjin Jzoma Cable Tray Co.,Ltd

The trays inside buildings can be installed independently or attached to various building structures and pipe gallery supports, reflecting characteristics such as simple structure, aesthetic design, flexible

PCRIC and WTW launch parametric quake cover for Papua New

The Pacific Catastrophe Risk Insurance Company (PCRIC) alongside broker WTW have designed a parametric insurance policy to help protect PNG DataCo., a Papua New Guinea (PNG) operator,

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Papua New Guinea Ground Cable Tray Installation

The Cable Tray system is installed in electrical rooms, plant rooms, and service corridors. This section will guide you through the necessary steps to ensure a successful installation.

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Papua New Guinea Manufacturer direct supply The trays inside buildings can be installed independently or attached to various building structures and pipe gallery supports.

Cable Tray In Papua New Guinea

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