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Singapore Fiber Optic Cable Removal Procedure



Overview

You can go to Sim Lim Square to buy the Fiber cable between the fiber termination box to your fiber modem.

Key Takeaways

Fiber optic cable removal in Singapore requires careful planning, adherence to safety protocols, and compliance with the Code of Practice for Telecommunication Wiring Work 2024.Pre-Removal Planning

Before removing fiber optic cables, a risk assessment and method statement (RAMS) should be prepared. This includes identifying the type of cable, its route, and the environment (e.g., underground ducts, chambers, or building interiors) to determine potential hazards such as polluted water, confined spaces, or electrical interference . Ensure all personnel are trained in safe handling, musculoskeletal injury prevention, and disease awareness .

Required Tools and Equipment
• Cable pulling rods or ropes for ducted cables

• Tripod or winch for chamber access

• Cable cutters, strippers, and cleavers for fiber preparation

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• Personal protective equipment (PPE) including gloves, safety glasses, and high-visibility clothing

Step-by-Step Removal Procedure

• Access the Cable Route: Remove chamber covers or access panels using the correct keys and tools. Ensure the area is secured to prevent falls or accidental contact with live equipment .

• Inspect the Cable: Check for damage, bends, or defects before removal. Identify whether the cable is active or decommissioned .

• Clear the Duct or Tray: If the cable is in a duct, ensure it is free of obstructions. Use rods or ropes to guide the cable out safely .

• Pull the Cable: Gently pull the fiber optic cable from the termination point to the removal point, avoiding excessive tension or bending that could damage the fibers .

• Terminate or Cap Ends: If the cable is partially removed or will be reused, terminate or cap the fiber ends to prevent contamination or signal loss .

• Dispose of Cable Properly: Follow environmental and company guidelines for disposing of fiber optic cables and associated materials .

Safety and Compliance

• Follow the Code of Practice for Telecommunication Wiring Work 2024, which outlines standards for indoor and outdoor fiber optic cabling, including simplex and duplex cables .

• Continuously monitor for hazards such as water ingress, electrical risks, or confined space dangers .

• Ensure all personnel carry identification and are trained in emergency procedures .

Post-Removal Checks

• Inspect the route for any remaining debris or damaged infrastructure.

• Document the removal process, including cable type, length removed, and any incidents.

• Conduct a final safety check to ensure the site is secure and compliant with regulatory standards . By following these steps, fiber optic cable removal in Singapore can be conducted safely, efficiently, and in compliance with industry standards.

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Telecommunications Standards Advisory Committee (TSAC)

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