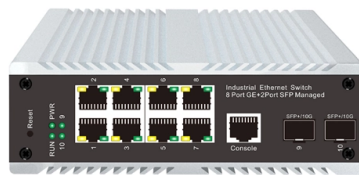


Communication fiber optic cable broken and lying across the road



Article Overview

A broken fiber optic cable in the road poses serious safety and service risks and requires immediate professional repair.

Risks and Hazards

Fiber optic cables are made of thin glass or plastic fibers that transmit data via light signals, making them extremely delicate. Physical damage, such as being crushed, bent, or severed, can completely disrupt communication services, including internet, phone, and emergency systems . A cable lying in the road is at high risk of further damage from vehicles, pedestrians, or environmental exposure, which can increase repair costs and downtime . Even minor scratches or bends can cause signal attenuation, data errors, or total service failure .

Immediate Actions

- Do not touch or move the cable. Fiber fragments can be sharp and hazardous.
- Prevent vehicles and pedestrians from crossing the area to avoid further damage and potential injury.
- Notify the local utility or telecom provider immediately. They have the equipment and trained technicians to safely handle and repair fiber optic cables .
- Mark the area if possible, using cones or warning signs, until professionals arrive.

Repair Process...

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Sometimes cable would be broken repeatedly, like for example the cable would be placed too low over a road so truck's would hit it

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