

From our R& D lab in Ottawa, Ciena's Patrick Scully demonstrates how simple it is to steal massive amounts of data by quickly and easily taping a fiber optic cable and explains how optical encryption can be used to protect against this threat ensuring the security of all in-flight data.

You can buy optical splitters that plug into the network like a cable and divert a small amount of the light to a separate receiver. A typical tap passes 90-95% of the light and diverts 5-10%, often enough to ...

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Fiber optic splitters include PLC type fiber optic splitters and FBT type fiber optic splitters. Available in single mode and multimode with 900µm loose tube fiber or 250µm bare fiber connectorless or any ...

Anyone with Internet access can shop online for one of several easy-to-get tools (like the one shown in the video below) and, after watching a few videos that guide you through the ...

This guide demystifies fiber optic splitters, explaining their design, operating principles, types, key specifications, and real-world applications.

Using an optical fiber clip-on coupler, Kevin showed how, in under five minutes, someone in close proximity to a fiber optic wire could set up a clandestine operation, sniff the network, and ...

Kevin Mitnick demonstrates how easy it is for a hacker to tap into your network and read your email messages, even if it's a fiber optic network.

What many people don't realize is that fiber optic cables are often easily accessible and unguarded - even clearly marked with signs like the one pictured here to reduce accidental fiber cuts - making ...

To separate upstream/downstream signals of multiple users over a single fiber, PON adopts two multiplexing mechanism: In downstream direction, data packets are transmitted in a broadcast manner;

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