

Customization Process for Upgraded Fiber Optic Splitter for Campus Network



Article Overview

Customizing a fiber optic splitter for a campus network involves assessing network requirements, selecting the appropriate splitter architecture, designing modular configurations, and coordinating with vendors for tailored production and deployment.

Step 1: Assess Campus Network Requirements

Begin by evaluating the bandwidth, redundancy, and scalability needs of the campus network. Consider factors such as:

- Number of buildings and users, including lecture halls, research labs, and student residences .
- Peak data loads during events or exams and baseline traffic from e-learning platforms .
- Integration with national and international research networks for high-speed data transfer .
- Support for emerging technologies like SDN and NFV for flexible network management .

Step 2: Choose Splitter Architecture

Decide between centralized and distributed splitter architectures:...



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

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

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

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