# OPTICAL SPLITTER MODULE

gnubi's™ test modules are ideal cost-effective, multi-channel solutions for an equipment manufacturer's production and verification labs in the metro and long haul markets.

## EXPANDABLE MULTIPLE RATE TESTING

Unlike other test equipment, gnubi's test products give you the flexibility to create the test applications that you need now and the expandability to grow with your testing needs in the future.

## SIMULTANEOUS MULTI-PORT TESTING

Use the splitter for a single chassis solution to simultaneously monitor and generate multiple channels. The EPX1000 module has three versions based on the number of output ports: four, eight, or twelve ports.

You can mix the Optical Splitter Module with other test modules to give you more ports for testing in a single chassis.

Using EPXam™ tools such as Group Manager, Test Controls, or Script Runner, control multiple instances of the same test simultaneously. Or conduct different tests at the same time.

## EPX1000 SPLITTER MODULE

A single splitter solution, the EPX1000 module can be used for 1310 and 1550 nm wavelengths.

## EASY TO USE

You can start testing quickly and easily with the EPXam graphical user interface. Other ease-of-use features include saving and restoring configurations, connecting remotely with a web browser, scripting, logging, and sharing test resources with others.

## UPGRADABLE

As new features are developed for gnubi's test modules, download the upgrades from our website. Visit www.gnubi.com to learn about the latest features and upgrades.

### Features

- Single module splitter
- 1310 nm and 1550 nm wavelengths
- 4, 8, or 12 output ports
- Test multiple rates and protocols within a single chassis
- Multi-user, remote access via web browser

### Applications

- Production, validation, and metro market applications that test multiple rates and channels
- Add/drop multiplex and demultiplex
- Transmit and receive BERT

# Specifications
## Optical Splitter Module

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| **Model** | EPX1000 | Optical Splitter Module |
| **Installation** | All gnubi chassis models; uses two slots (1x4 and 1x8 splitters) or three slots (1x12 splitter) | |
| **Interface** | Wavelengths | 1550 and 1310 nm |
| | Fiber type | Single-mode fiber (SMF-28) |
| | Connectors | FC, SC, or ST |
| | | 1 input port; 4, 8, or 12 output ports |
| **Insertion Loss** | 1x4 | 8.4 dB or less |
| | 1x8 | 12.0 dB or less |
| | 1x12 | 14.0 dB or less |
| **Uniformity** | 1x4 | 2.0 dB or less |
| | 1x8 | 2.7 dB or less |
| | 1x12 | 3.1 dB or less |
| **Compliance** | CE Mark | |
| **Operating Temperature** | 0º to 40º Celsius, non-condensing | |
| **Warranty and Service** | Standard | 1 year parts and labor |
| | Extended | Service Plan available |