

## NETWORK AND LATENCY SIMULATOR

# FIBRE LAB 250

## Network Simulation and Latency Solution



### FEATURES

- Up to 24 fiber lengths; 50km total
- All optical fiber types & brands
- High-density 1RU chassis
- Ensures accurate, consistent results
- Improves fiber use & management
- Useful for multiple applications

The **Fiber Lab 250** is the trusted solution when requiring many optical fiber lengths for network simulation testing or optical time delay applications. Customised to user specifications, the compact 19-inch x 1RU chassis saves maximum rack space while providing numerous setup configurations, from 24 short fiber lengths to a continuous 50km span.

Designed to support essential testing and networking initiatives, the versatile FL250 can also include integrated components (splitters, WDMs, etc) for exactly replicating PON network architectures, sub-nanosecond precision coils for solving latency-driven challenges, or specialty and ribbon fibers when necessary for a project.

### Technical Product Specifications

<b>Max fibre capacity</b>	50km
<b>Max fiber span count</b>	24
<b>Fibre performance</b>	Per fibre manufacturer specs
<b>Enclosure dimensions</b>	1RU (H) x 19 in (W) x 13 in (D)
<b>Enclosure weight</b>	Dependent on fibre capacity

# FIBRE LAB 750

## Customisation Options

### All Fibre Types and Manufacturer Brands Available

By category:

- SMF (G.652/G.654/G.655/G.657)
- MMF (OM1~OM5)
- Specialty (DCF, PMF, MCF, HCF, other)
- Ribbon (SMF, MMF)

By manufacturer/brand:

- Corning
- Lightera/OFS
- Prysmian
- Sumitomo

If a specific fibre type or manufacturer you require is not displayed, no problem! This is a partial list.

#### Any Precision Fibre Lengths

By length value:

- Distance (km, m, feet, other)
- Time Delay ( $\mu$ s, ms, ns, other)

#### All Connector Types

By type; bulkhead or pass-through:

- LC, FC, SC, ST, E2000, other
- MPO/MTP®

#### Special Setup Configurations

Examples:

- Simplex and duplex routing/connections
- Longer, continuous lengths
- Integrated fibre events

#### Advanced Testing Services

Beyond OTDR traces:

- Chromatic Dispersion (CD)
- Polarization Mode Dispersion (PMD)
- Spectral Attenuation (SA)



#### CONTACT:

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