



Flexible Dense MAP-200 DWDM Grid (C- or L-Band)

The Multiple Application Platform (MAP-200) Tunable Distributed Feedback (DFB) Laser (mTLG-A1) is a new-generation tunable laser that brings unprecedented flexibility for DFB tunability to the JDSU MAP-200 platform.

The MAP-200 is the first photonic layer lab and manufacturing platform that is LAN Extensions for Instrumentation (LXI)-compliant, bringing the full power of Ethernet connectivity and easy use of interchangeable virtual instrument (IVI) drivers to the optical test environment. The industry-leading density and configurability of the MAP-200 platform enables test engineers to meet specific application requirements in the smallest possible footprint.

Two different configurations are offered:

- MAP-280 with front fiber exits is ideal for R&D, NPI, and Test Engineering
- MAP-280R with rear fiber exits is better suited for production



MAP-280R



MAP-280

Benefits

- Rely on highly stable source with narrow line width
- Easily replace and spare channels by tuning laser to desired channel
- Quickly configure and set up grid by tuning to any ITU Channel at 25 GHz spacing
- Enjoy the convenience of remote access, multi-user sharing and TCP/IP-based automation access supported by LXI-compliant MAP-200 platform

Features

- Provides 40 or 48 channels in only 6U of standard 19-inch rack space with 4 slots to spare
- Extended C-band (1528.77 to 1567.13 nm) with output power from 7 to 13 dBm
- Extended L-band (1570.01 to 1608.76 nm) with output power from 7 to 11 dBm

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Vacant slots can be used for complimentary instruments such as:

- MAP optical power meter
- MAP precision variable optical attenuator
- MAP optical amplifier
- MAP tunable optical filter
- MAP small and large channel count switches
- MAP universal passive couplers or splitters



Graphical user interface (GUI), networking, and software features:

- Enhanced GUI with easy-to-access system information
- Five user-settable profiles
- TCP/IP (network) settings
- SCPI, IVI, LV wrappers for automation
- GPIB setting
- Boot-up setting
- Field-upgradeable firmware
- Module level control: Available from a summary view to control up to 32 channels from the same page



Ordering information

Part Number	Description
MAP200PTO-CGRID40CH-A1	C-band 40-channel DWDM grid
MAP200PTO-CGRID40CH-A1R	C-band 40-channel DWDM grid, reversible chassis
MAP200PTO-CGRID48CH-A1	C-band 48-channel DWDM grid
MAP200PTO-CGRID48CH-A1R	C-band 48-channel DWDM grid, reversible chassis
MAP200PTO-LGRID40CH-A1	L-band 40-channel DWDM grid
MAP200PTO-LGRID40CH-A1R	L-band 40-channel DWDM grid, reversible chassis
MAP200PTO-LGRID48CH-A1	L-band 48-channel DWDM grid
MAP200PTO-LGRID48CH-A1R	L-band 48-Channel DWDM grid reversible chassis