

The ProTune™ Tuning and Coding system: Powerful solutions deliver powerful performance



The ProTune™ Tuning and Coding system offers a powerful solution to resolve network issues that require fast and immediate responses.

Controlling and maintaining inventory levels to meet network emergencies involves holding spare transceivers and will directly impact your bottom line. The ProTune™ coding and tuning system consists of an appliance and a powerful cloud-based platform that codes or tunes ProLabs transceivers in one simple step.

The ProTune™ systems not only supports SFP, SFP+, SFP28, and XFP transceivers, but also QSFP+, QSFP28, QSFP56, and QSFP-DD form factors. The ProTune™ coding and tuning system from ProLabs offers network operators the solution for immediate network needs, while reducing the inventory requirements for spares.

The ProTune™ appliance is the perfect addition to your 'emergency kit' for quickly and immediately responding to network outages, reconfiguration and new custom tune-ups.

Compatible with existing systems and architectures

- ✔ Field program optics to be compatible with OEM platforms.
- ✔ Supports SFP/SFP+/SFP28/XFP/QSFP+/QSFP28/QSFP56/QSFP-DD transceiver form factors.
- ✔ Locally powered by USB connection – no AC connection required.
- ✔ Soft carrying case included; rugged case available upon request at an additional cost.



Reduces inventory and requirements for spares

- ✔ Tunes SFP+ and XFP tunable optics for spares from any platform and channel.
- ✔ Also supports programming existing optics in inventory to support multiple platforms.
- ✔ Supports Tunable 10G DWDM XFPs and SFP+s for spares for any platform and any channel, and tunable DWDM SFP+s can even support 1G DWDM applications.

The full-featured ProTune™ software package is a cloud-based application, ensuring network operator information that's always up to date.

The ProTune™ software

- ✓ Automatically syncs with the cloud to ensure all data is current.
- ✓ Tracks transceiver history.
- ✓ Manages access IDs across the organization.
- ✓ Allows for remote access of transceivers in the field by ProLabs tech support.

In addition to the cloud-based application, the ProTune™ appliance includes an Off-Line Tuning feature (available upon request), which:

- ✓ Offers the capability to remotely tune all ProLabs SFP+ and XFP tunable optics without connecting to the cloud.
- ✓ Provides wavelength agile support to host devices that do not support tunable optics natively.

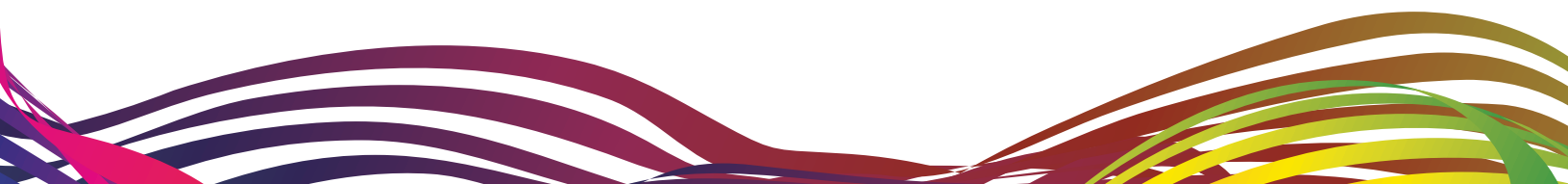
The powerful ProTune™ coding and tuning system puts you in charge

The screenshot displays the ProLabs ProTune software interface. At the top, there is a navigation bar with the ProLabs logo and a menu. Below the navigation bar, there is a status bar showing 'Coding Box Service' (green), 'Toggle Laser' (red), 'Transceiver Type: SFP/SFP+' (green), and 'Request a new code' (plus icon). The main content area is titled 'Transceiver Status' and includes tabs for 'Details', 'Tuning', and 'History'. The status bar shows five metrics: TEMPERATURE (17.47 °C), SUPPLY VOLTAGE (3.20 V), TX BIAS CURRENT (0 mA), TX OUTPUT POWER (zero light), and RX OPTICAL POWER (zero light). Below the status bar, there is a 'Transceiver identification' section with a table of details and a 'Choose compatibility' section with dropdown menus and a 'Re-code' button.

Transceiver identification	
Serial Number	AY7V000413
Description	Cisco® DWDM-SFP10G-C Compatible TAA Compliant 10GBase-DWDM 50GHz SFP+ Transceiver (SMF, Tunable, 80km, LC, DOM)
Form Factor	SFP
Data Rate	10-Gigabit
Reach	80km
Application	10GBase-DWDM
Connector Type	LC

Choose compatibility	
Current compatibility:	DWDM-SFP10G-LIM-C
Requested OEM	All
Requested compatibility	Select...
Re-code	

[Click here for ProTune™ Software & User Manuals](#)



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ProLabs is a leading provider of optical networking solutions. For over two decades, we have delivered optical connectivity solutions that give our customers freedom, choice, and seamless interoperability. We serve a diverse range of industries including enterprise, government, and global service providers.

By championing higher standards for technology, service, and cost, ProLabs is changing the mindset of data centers and service providers the world over. We supply solutions that are 100% compatible in form and functionality across 100 OEM environments, covering more than and 20,000 systems and platforms.

At ProLabs we invest in people, R&D, equipment, and processes to ensure our optics are second to none. Our mission is to provide certified optical connectivity solutions across all networks. This means meeting MSA specifications, undergoing rigorous compliance measures to achieve TAA, RoHS, NEBS Level 3, and more.

