



- **32 Colored Add/Drop Ports plus Line In/Out and Express In/Out**
- **C band, 100 GHz Channel Spacing**
- **Reconfigurability through Wavelength-Independent 2x1 Switch Array**
- **Arbitrary Optical Channel Switching from Express/Add Ports to Output**
- **Power Monitoring and Reporting of Individual Channels**
- **NET-Ready Network Management Interfac**

## ROADM

Oplink's ROADM module has 32 pairs of Add/Drop ports, one pair of line input/output ports and one pair of express input/output ports. It is employed to a) multiplex 32 input optical channels (from Add ports) and de-multiplex an aggregate of 100G DWDM channels (from the Line input); b) monitor and attenuate the power of each channel going to the output port; and c) use a 2x1 optical switch array to toggle between the Add and Express input ports. All the re-configurable functions are offered through the built-in control and network communication circuits and a suite of NET-Ready firmware.