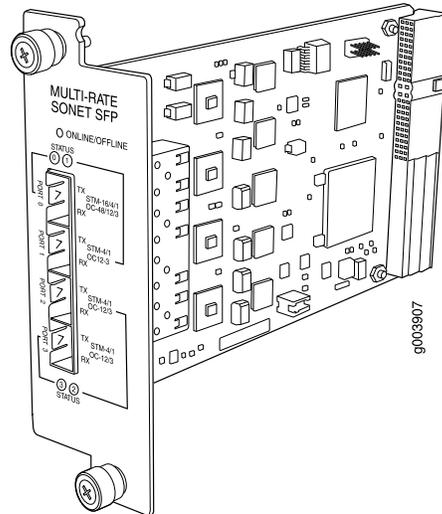


## SONET/SDH OC12/STM4 (Multi-Rate) PIC with SFP



Software release	<ul style="list-style-type: none"> <li>• Junos 9.5 and later</li> </ul>
Description	<ul style="list-style-type: none"> <li>• Rate-selectable using one of the following rates:             <ul style="list-style-type: none"> <li>• 1-port OC12</li> <li>• 1-port OC48</li> <li>• 1-port OC48c</li> <li>• 4-port OC3c</li> <li>• 4-port OC12c</li> </ul> </li> <li>• Power requirement: 0.40 A @ 48 V (19 W)</li> <li>• Model Number: PB-4OC3-4OC12-SON-SFP</li> </ul>
Hardware features	<ul style="list-style-type: none"> <li>• Multiplexing and demultiplexing</li> <li>• Rate policing on input</li> <li>• Rate shaping on output</li> <li>• Packet buffering, Layer 2 parsing</li> </ul>
Software features	<ul style="list-style-type: none"> <li>• Optical diagnostics and related alarms</li> <li>• Per-port SONET/SDH framing</li> <li>• Link aggregation</li> <li>• Alarm and event counting and detection</li> <li>• Dual-router automatic protection switching (APS)</li> <li>• Multiprotocol Label Switching (MPLS) fast reroute</li> <li>• Encapsulations:             <ul style="list-style-type: none"> <li>• Circuit cross-connect (CCC)</li> <li>• Translational cross-connect (TCC)</li> <li>• Frame Relay</li> <li>• High-Level Data Link Control (HDLC)</li> <li>• Point-to-Point Protocol (PPP)</li> </ul> </li> </ul>

Cables and connectors **TIP:** You can use the [Hardware Compatibility Tool](#) to find information about the pluggable transceivers supported on your Juniper Networks device.

The list of supported transceivers for the MX Series is located at <https://pathfinder.juniper.net/hct/category/#catKey=100001&modelType;=All&pf;=MX+Series>.

**NOTE:** To extend the life of the laser, when a PIC is not being actively used with any valid links, take the PIC offline until you are ready to establish a link to another device. For information about taking a PIC offline, see the **request chassis pic offline** command in the [CLI Explorer](#).

#### LEDs

One tricolor per port:

- Off—Not enabled
- Green—Online with no alarms or failures
- Yellow—Online with alarms for remote failures
- Red—Active with a local alarm; router has detected a failure