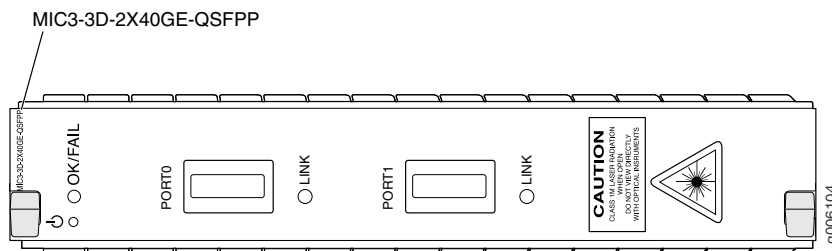


## 40-Gigabit Ethernet MIC with QSFP+

Figure 22: 40-Gigabit Ethernet MIC with QSFP+



Software release	<ul style="list-style-type: none"> <li>• 12.2 and later</li> </ul> <p>For information on which MPCs support this MIC, see <a href="#">“MIC/MPC Compatibility” on page 26</a>. For information on which MICs are supported on MX Series routers, see <a href="#">“MICs Supported by MX Series Routers” on page 18</a>.</p>
Description	<ul style="list-style-type: none"> <li>• Two 40-Gigabit Ethernet ports</li> <li>• Power requirement: 0.38 A @ 48 V (18 W)</li> <li>• Weight: 1.19 lb (0.54 kg)</li> <li>• Model number: MIC3-3D-2X40GE-QSFP+</li> </ul>
Hardware features	<ul style="list-style-type: none"> <li>• High-performance throughput on each port at speeds up to 40 Gbps</li> <li>• Up to 40-Gbps of full-duplex traffic</li> <li>• Maximum transmission units (MTUs) of up to 9192 bytes</li> </ul>
Software features	<ul style="list-style-type: none"> <li>• Synchronous Ethernet support</li> <li>• Optical diagnostics and related alarms</li> <li>• Virtual Router Redundancy Protocol (VRRP) support</li> <li>• IEEE 802.1Q virtual LANs (VLANs) support</li> <li>• Remote monitoring (RMON) EtherStats</li> <li>• Source MAC learning</li> <li>• MAC accounting and policing—Dynamic local address learning of source MAC addresses</li> <li>• Flexible Ethernet encapsulation</li> <li>• Multiple tag protocol identifiers (TPID)</li> </ul>
LEDs	<p><b>OK/FAIL LED</b>, one bicolor:</p> <ul style="list-style-type: none"> <li>• Green—MIC is functioning normally.</li> <li>• Red—MIC has failed.</li> </ul> <p><b>LINK LED</b>, one green per port:</p> <ul style="list-style-type: none"> <li>• Off—No link.</li> <li>• On steadily—Link is up with or without activity.</li> <li>• Yellow—Link is disabled.</li> </ul> <p>The ports are labeled:</p> <ul style="list-style-type: none"> <li>• <b>PORT [0] - PORT [1]</b></li> </ul>