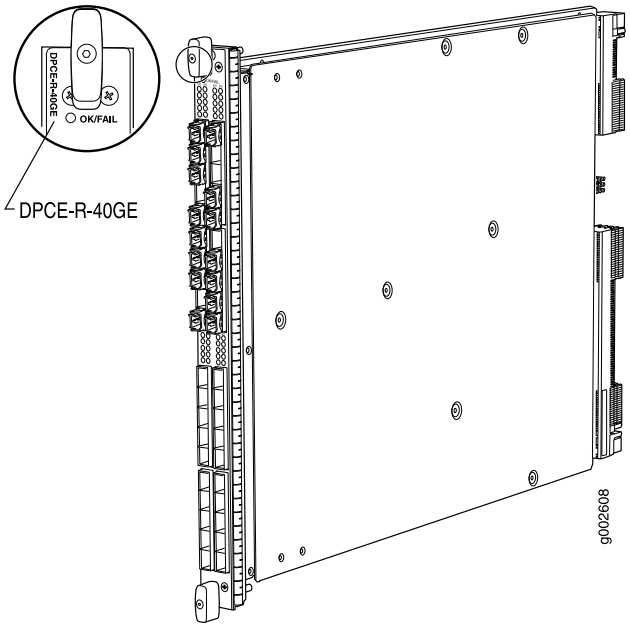
Gigabit Ethernet Enhanced DPC with SFP



Software release	• Junos OS Release 8.4 and later
Description	• 40 Gigabit Ethernet ports • Power requirement: 6.98 A @ 48 V (335 W) • Weight: 13.1 lb (5.9 kg) • Supports large Ethernet frame sizes for more efficient throughput across the intra-POP network • Model number: DPCE-R-40GE-SFP • Name in the CLI: DPCE 40x 1GE R
Hardware features	• High-performance throughput on each port at speeds up to 1 Gbps • Autonegotiation between Gigabit Ethernet circuit partners • Full-duplex mode • Maximum transmission units (MTUs) of up to 9192 bytes • Enhanced ASICs for increased performance and scalability of Layer 2 features
Software features	• Optical diagnostics and related alarms • See "Protocols and Applications Supported by DPCs and Enhanced DPCs (DPC and DPCE-R)" on page 297 for information about the protocols and applications that this DPC supports.

Interfaces	Syntax: ge-*fpc/pic/port* where: • fpc: Slot in the router where the DPC is installed • pic: 0 (bottom left row of 10 ports), 1 (bottom right row of 10 ports), 2 (top left row of 10 ports), or 3 (top right row of 10 ports) when installed horizontally • port: 0 through 9 For example, ge-1/3/0 is the interface for port 0 in the top right row of 10 ports on a DPC installed in slot 1. For information on the interface numbering, see the *DPC Port and Interface Numbering* topic for the respective MX router.
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. You can install any transceiver supported by the DPC. For information about installing and removing transceivers, see the hardware guide for your router. NOTE: Do not install Gigabit Ethernet SFPs in the SONET/SDH port. The port will not recognize the SFP.
LEDs	**OK/FAIL** LED, one bicolor: • Steady green—DPC is functioning normally. • Blinking green—DPC is transitioning online or offline. • Red—DPC has failed. Link LED, one green per port: • Off—No link. • On steadily—Link is active. The Link LEDs are labeled in groups of five: • **0/0** for **0/0** through **0/4** • **0/5** for **0/5** through **0/9** • **1/0** for **1/0** through **1/4** • **1/5** for **1/5** through **1/9** • **2/0** for **2/0** through **2/4** • **2/5** for **2/5** through **2/9** • **3/0** for **3/0** through **3/4** • **3/5** for **3/5** through **3/9**