Monitoring the Cisco uBR-MC3GX60V-RPHY Line Card

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Verifying the Cisco uBR-MC3GX60V-RPHY Line Card Installation Using LEDs

Verify the following LEDs on the Cisco uBR-MC3GX60V-RPHY line card to check if it is operational.

Table 1: LEDs on the Cisco uBR-MC3GX60V-RPHY Line Card

LED	Status	Description
POWER	Off	The Cisco uBR-MC3GX60V-RPHY line card is not powered on.
	Green	The Cisco uBR-MC3GX60V-RPHY line card is not powered on.
STATUS	Off	The Cisco uBR-MC3GX60V-RPHY line card is powered on.
	Green	The processor on the Cisco uBR-MC3GX60V-RPHY line card has booted and passed the diagnostics, or is in the standby mode.
	Yellow	The Cisco uBR-MC3GX60V-RPHY line card is in bootup mode.
MAINT	Off	No action is required.
	Yellow	It is safe to remove the Cisco uBR-MC3GX60V-RPHY line card.
GE0 and GE1	Off	The DEPI port is not enabled.
	Green	The DEPI port is configured and is able to send traffic.
LK/ACT0-LK/ACT5	Off	The Ethernet link is not working.
	Green (steady)	The Gigabit Ethernet port is enabled and the Ethernet link is working, and there is no US or DS traffic flow.
	Green (blinking)	The Gigabit Ethernet port is enabled and the Ethernet link is working, and there is US or DS traffic flow.

Verifying the Cisco uBR-MC3GX60V-RPHY Line Card Using the CLI

Verify the Cisco uBR-MC3GX60V-RPHY line card using the following commands:

Table 2: Commands Used to Verify the Cisco uBR-MC3GX60V-RPHY Line Card

Command	Purpose
• **show cable mac-domain cable cgd-associations** • **show cable mac-domain cable downstream-service-group** • **show cable mac-domain cable forwarding** • **show cable mac-domain cable rcc** • **show cablemac-domain cable upstream-service-group**	Displays the MAC domain information to verify the bonding operation on the Cisco uBR-MC3GX60V-RPHY line card.
• **show cable license** • **show license detail**	Displays the software license of the Cisco uBR-MC3GX60V-RPHY line card.
show controller modular-cable	Displays the Cisco uBR-MC3GX60V-RPHY line card Statistics. This command allows the user to view the following line card statistics: • Interface association • JIB hardware downstream configuration • Channel counters • Errors • Mapping of wideband and RF channels • JIB hardware downstream registers • JIB hardware downstream status
• **show controllers cable** *slot*/*subslot*/*port* • **show interface cable** *slot*/*subslot*/*cable-interface-index*	Displays the interface controllers information on the Cisco uBR-MC3GX60V-RPHY line card.
show cable modem	Displays the Cable modem information.
show cable clock	Displays the DOCSIS Timing and Control Card (DTCC) and its current status.
show controllers modular-cable sfp	Displays information about the SFP modules on the Cisco uBR-MC3GX60V-RPHY line card. If the SFP module is not present, the following output is displayed: `SFP in Port1 is NOT PRESENT`

Command	Purpose
show ip interfaces brief	Displays the bidirectional communication between the Cisco CMTS and the Cisco CMC. The Cisco uBR-MC3GX60V-RPHY line card has three Gigabit Ethernet interfaces. When an IP address is configured on the Gigabit Ethernet interface in a subnet that includes the Cisco CMC, the IP address of the Cisco CMC becomes pingable.
show diag	Displays the hardware and diagnostic information of the Cisco uBR-MC3GX60V-RPHY line card.

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