



LEDs

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Switch Chassis LEDs

The BCN, STS, and ENV, LEDs are located on the left side of the front of the switch. The port LEDs appear as triangles pointing up or down to the nearest port.

| LED | Color | Status |
|--------|----------------|---|
| BCN | Flashing blue | The operator has activated this LED to identify this switch in the chassis. |
| | Off | This switch is not being identified. |
| STS | Green | The switch is operational. |
| | Flashing amber | The switch is booting up. |
| | Amber | Temperature exceeds the minor alarm threshold. |
| | Red | Temperature exceeds the major alarm threshold. |
| | Off | The switch is not receiving power. |
| ENV | Green | Fans and power supply modules are operational. |
| | Amber | At least one fan or power supply module is not operating. |
| (port) | Green | Port admin state is 'Enabled', SFP is present and the interface is connected (that is, cabled, and the link is up). |
| | Amber | Port admin state is 'Disabled, or the SFP is absent, or both. |
| | Off | Port admin state is 'Enabled' and SFP is present, but interface is not connected. |

| LED | Color | Status |
|----------|-------|---|
| (SYNC) | Green | The frequency are synchronized to external interface. The external interface could be GPS, Recovered RX clk). |
| | Amber | Freerun/Holdover - Time core is in freerun or holdover mode. |
| | Off | Time core clock synchronization is disabled. |
| (TIMING) | Green | The time, phase are synchronized to external interface. The external interface could be (GPS, FP). |
| | Amber | Freerun/Holdover - Time core is in freerun or holdover mode. |
| | Off | Time core clock synchronization is disabled. |
| (GNSS) | Green | GPS interface provisioned and ports are turned on. ToD, 1PPS, 10MHz are all valid. |
| | Off | Either the interface is not provisioned, or the ports are not turned on. ToD, 1PPS, 10MHz are not valid. |

Fan Module LEDs

The fan module LED is located below the air holes on the front of the module.

| LED | Color | Status |
|-----|-------|---|
| STS | Green | The fan module is operational. |
| | Red | The fan module is not operational (fan is probably not functional). |
| | Off | Fan module is not receiving power. |

Power Supply LEDs

The power supply LEDs are located on the left right portion of the power supply. Combinations of states indicated by the Okay and Fault LEDs indicate the status for the module as shown in the following table.

| OK LED | FAIL or FAIL/ID LED | Status |
|----------------|---------------------|--|
| Green | Off | Power supply is on and outputting power to the switch. |
| Flashing green | Off | Power supply is connected to an AC power source but not outputting power to the switch. The power supply may not be properly installed in the chassis. |
| Off | Off | Either all the installed power supplies are not receiving power or an uninstalled power supply is not receiving power. |

| OK LED | FAIL or FAIL/ID LED | Status |
|--------|--|---|
| Off | Flashing amber | Power supply is operating but a warning condition has occurred—possibly one of the following conditions: <ul style="list-style-type: none"> • High temperature • High power • Slow power supply fan • Low voltage • Power supply is installed in the chassis but was disconnected from the power source. |
| Off | Flashing amber (10 seconds) then amber | Power supply is installed without a connection to a power source. |
| Off | Amber | Power supply failure—possibly one of the following conditions: <ul style="list-style-type: none"> • Over voltage • Over current • Over temperature • Power supply fan failure |

