



How to View the General SFP Information on a Cisco Systems ME-3400 Ethernet Access Switch using CLI (Command Line Interface) in order to Read the Micro-OTDR Information

Based upon Cisco IOS Software Release 12.2(46)SE for Cisco Catalyst 750 Metro, Cisco ME 2400 and ME 3400 Series Ethernet Access Switches. ([Click here for Product Bulletin.](#))

To begin, plug your SFP into a port of the Cisco Systems ME-3400 Ethernet Access Switch. Run a Terminal Program to access the switch. Type “**enable**” when prompted. You will then be asked to type in your password.

```
OZC con0 is now available

Press RETURN to get started.

OZC>enable
Password:
```

Snipping Tool

1. Type the command “**show idprom interface gigabitethernet0/4**”. The “**0/4**” corresponds to the port where the SFP is plugged-in. Then click ENTER. The General SFP Information will come up. You will notice the Vendor Name “**OpticalZonu,Corp**” for the first 60 seconds **after** SFP insertion or equipment power-up. It will also show the Part Number and the Serial Number. You have to re-run the command after 60 sec (from the time the SFP Micro-OTDR was powered up) to show the actual reading.

```
OZC#show idprom interface gigabitethernet0/4

General SFP Information
-----
Identifier      : 0x03
Connector       : 0x01
Transceiver     : 0x00 0x00 0x00 0x12 0x00 0x00 0x00 0x00
Encoding        : 0x01
BR_Nominal      : 0x00
Vendor Name     : OpticalZonu,Corp
Vendor Part Number : AF6-153G1-SU
Vendor Revision  : 0x31 0x2E 0x30 0x20
Vendor Serial Number : 131101902
```

2. If the SFP is linked and without fault, you will see “**OZC_____**” as the Vendor Name.

```
OZC#show idprom interface gigabitethernet0/4

General SFP Information
-----
Identifier      : 0x03
Connector       : 0x01
Transceiver     : 0x00 0x00 0x00 0x12 0x00 0x00 0x00 0x00
Encoding        : 0x01
BR_Nominal      : 0x00
Vendor Name     : OZC_____
Vendor Part Number : AF6-153G1-SU
Vendor Revision  : 0x31 0x2E 0x30 0x20
Vendor Serial Number : 131101902
```

3. If the SFP Link has an optical fiber fault, it will show “**OZC___01_00625**” (for example), where “**01**” corresponds to the number of faults and “**00625**” corresponds to the distance (in meters) to the fault.

```
OZC#show idprom interface gigabitethernet0/4

General SFP Information
-----
Identifier      : 0x03
Connector       : 0x01
Transceiver     : 0x00 0x00 0x00 0x12 0x00 0x00 0x00 0x00
Encoding        : 0x01
BR_Nominal      : 0x00
Vendor Name     : OZC___01_00625
Vendor Part Number : AF6-153G1-SU
Vendor Revision  : 0x31 0x2E 0x30 0x20
Vendor Serial Number : 131101902
```