

Optical-Module Parameter Inquiry and Alarm Commands

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Chapter 1 Optical-Module Parameter Inquiry and Alarm Commands

1.1 show epon optical-transceiver-diagnosis

Syntax

```
show epon optical-transceiver-diagnosis [interface epon port | epon port:sequence]
```

To display the optical-module parameters of the PON port, run the above-mentioned command.

Parameter

Parameter	Description
<i>Port</i>	Means the ID of the PON port.
<i>sequence</i>	Means the LLID number.

Default value

Command mode

Remarks

If the port is not designated, all UP ports' optical-module parameters will be displayed. If the designated port is a PON port, the light reception power will not be displayed. If the designated port is an LLID port, the light reception power for the ONU on the PON port is displayed.

Example

The following example shows how to display the optical-module parameters of all UP ports:

1.2 epon optical-transceiver

Syntax

```
[no] epon optical-transceiver {power-tx | temperature | voltage | current} {high-limit | low-limit} {enable threshold alarm-value clear-value | disable}
```

To enable or disable the optical-module parameter alarm on a PON port, run the above-mentioned command.

Parameter

Parameter	Description
<i>alarm-value</i>	Means the alarm threshold.
<i>clear-value</i>	Means to clear the alarm threshold.

Default value

The alarm is disabled.

Command mode

PON port mode or PSG port mode

Remarks

The alarm is enabled on the PSG port and the alarm is generated each PON port of PSG.

Example

The example shows how to enable the temperature alarm threshold on the PON port.

```
interface EPON0/1
```

```
    epon bind-onu mac fcfa.f79d.00ea 1
```

```
    epon bind-onu mac fcfa.f79d.00e6 2
```

```
    epon bind-onu mac fcfa.f79a.3026 3
```

```
    epon optical-transceiver temperature high-limit enable threshold 500 400
```

```
Switch_config#
```