



Patch Cord Command Reference

This chapter describes the commands to configure patch cord between ports.

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hw-module patchcord

To configure patch-cord relationship between ports, use the **hw-module patchcord** command in the config mode. The CLI helps the user to tell 'what is connected to what in system'. To delete a patchcord use the no form of this command.

hw-module patchcord port Optics [*R/S/I/P*] **port Optics** [*R/S/I/P*]

no hw-module patchcord port Optics [*R/S/I/P*] **port Optics** [*R/S/I/P*]

Syntax Description	Optics	Name of port
	<i>R/S/I/P</i>	Rack/Slot/Instance/Port

Command Default None

Command Modes Config mode

Command History	Release	Modification
	Release 5.2.4.7	This command was introduced.

Usage Guidelines To use this command, you must be in a user group associated with a task group that includes appropriate task IDs. If the user group assignment is preventing you from using a command, contact your AAA administrator for assistance.

Two ports should not be same.

None of the ports should be configured on another patchcord.

Duplicate patchcord configuration is not rejected.

Patchcord relationship between ports is bi-directional.

Reverse patchcord configuration of what already exists will be rejected.

Task ID	Task ID	Operation
	otn	write

Example

The following example shows how to create a patchcord between two ports:

```
RP/0/RP0:ios(config)#hw-module patchcord port Optics 0/0/0/0 port Optics 0/0/0/1
RP/0/RP0:ios(config)#commit
```

show hw-module patchcord

To show details of a specific patchcord, use the **show hw-module patchcord** command in the exec mode.

To show details of all configured patchcords, use the **show hw-module patchcord all** command in the exec mode.

show hw-module patchcord port Optics [*R/S/I/P*]

show hw-module patchcord all

Syntax Description	Optics	Name of the port.
	<i>R/S/I/P</i>	Rack/Slot/Instance/Port of either of the two ports used to configure the patchcord.

Command Default None

Command Modes Exec mode

Command History	Release	Modification
	Release 5.2.4.7	This command was introduced.

Usage Guidelines To use this command, you must be in a user group associated with a task group that includes appropriate task IDs. If the user group assignment is preventing you from using a command, contact your AAA administrator for assistance.

Task ID	Task ID	Operation
	otn	read

Example

The following example shows how to display specific configured patch-chord connectivity.

```
RP/0/0/CPU0:ios # show hw-module patchcord port Optics 0/0/0/0
```

```
Tue Dec 15 11:23:00.945 IST
hw-module patchcord configuration
-----
Source-Port          Destination-Port
-----
Optics0_0_0_0       Optics0_0_0_1
```

The following example shows how to display all configured patch-chord connectivity.

show hw-module patchcord

```
RP/0/0/CPU0:ios # show hw-module patchcord all
```

```
Tue Dec 15 11:23:00.945 IST
```

```
hw-module patchcord configuration
```

```
-----  
Source-Port          Destination-Port  
-----  
Optics0_0_0_0        Optics0_0_0_1  
Optics0_0_0_4        Optics0_0_0_5  
Optics0_8_0_0        Optics0_0_5_1
```