



## Модуль Cisco Catalyst WS-X4612-SFP-E

WS-X4612-SFP-E

### Описание

#### Технические характеристики

|                                |                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------|
| Количество портов              | 12                                                                                                    |
| Тип портов                     | 1 Gigabit Ethernet (SFP)                                                                              |
| Производительность             | Per-slot switching capacity : 24 Gbps                                                                 |
| Совместимый управляющий модуль | Supervisor Engine 7-E,<br>Supervisor Engine 7L-E,<br>Supervisor Engine 6-E,<br>Supervisor Engine 6L-E |
| Поддерживаемые шасси           | Catalyst 4503-E, 4506-E, 4507R-E, 4507R+E, 4510R-E, 4510R+E                                           |

### Общие

Тип устройства

Линейка Cisco

Совместимая платформа

Поддерживаемый тип интерфейсов модульного коммутатора

Совместимость с управляющими модулями

Карты расширения

Catalyst 4500, 4500-E

Шасси WS-C4503-E

Шасси WS-C4506-E

Шасси WS-C4507R+E

Шасси WS-C4510R+E

Интерфейсы 1000BaseX SFP

WS-X45-SUP6-E

WS-X45-SUP7-E

WS-X45-SUP7L-E

WS-X45-SUP8-E

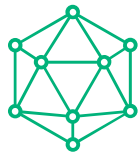
### Доп. описание



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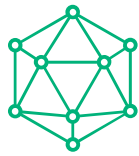
#### Port Information for Line Cards

| Line Card                                | Number of Ports | Port Speed  | Port Type                                                | Wire Rate                              | Cisco Catalyst 4500 Series Min/Max Ports |                                |                     |
|------------------------------------------|-----------------|-------------|----------------------------------------------------------|----------------------------------------|------------------------------------------|--------------------------------|---------------------|
|                                          |                 |             |                                                          |                                        | 4503-E                                   | 4506-E/<br>4507R-E/<br>4507R+E | 4510R-E/<br>4510R+E |
| E-Series 10 Gigabit Ethernet Line Cards  |                 |             |                                                          |                                        |                                          |                                |                     |
| WS-X4712-SFP+E                           | 12              | 10GBASE-X   | SFP+ or SFP                                              | 2.5-to-1 with SFP+<br><br>1:1 with SFP | 12/24                                    | 12/605                         | 12/965              |
| WS-X4606-X2-E                            | 6               | 10GBASE-X   | X2 or SFP with TwinGig Converter Module                  | 2.5-to-1 with X2<br><br>1:1 with SFP   | 6/125<br>12/245                          | 6/305<br>12/605                | 6/305<br>12/605     |
| E-Series 10/100/1000 Line Cards          |                 |             |                                                          |                                        |                                          |                                |                     |
| WS-X4748-UPOE+E                          | 48              | 10/100/1000 | RJ-45 UPOE IEEE 802.3at, IEEE 802.3af, Cisco prestandard | 1:1                                    | 48/965                                   | 48/2405                        | 48/3845             |
| WS-X4748-RJ45V+E                         | 48              | 10/100/1000 | RJ-45 PoE IEEE 802.3at, IEEE 802.3af, Cisco prestandard  | 1:1                                    | 48/965                                   | 48/2405                        | 48/3845             |
| WS-X4748-RJ45-E                          | 48              | 10/100/1000 | RJ-45                                                    | 1:1                                    | 48/965                                   | 48/2405                        | 48/3845             |
| WS-X4648-RJ45V+E                         | 48              | 10/100/1000 | RJ-45 PoE IEEE 802.3at, IEEE 802.3af, Cisco prestandard  | 2-to-1                                 | 48/965                                   | 48/2405                        | 48/3845,6           |
| WS-X4648-RJ45V-E                         | 48              | 10/100/1000 | RJ-45 PoE IEEE 802.3af, Cisco prestandard                | 2-to-1                                 | 48/965                                   | 48/2405                        | 48/3845,6           |
| WS-X4648-RJ45-E                          | 48              | 10/100/1000 | RJ-45                                                    | 2-to-1                                 | 48/965                                   | 48/2405                        | 48/3845,6           |
| E-Series Gigabit Ethernet SFP Line Cards |                 |             |                                                          |                                        |                                          |                                |                     |
| WS-X4624-SFP-E                           | 24              | 1000        | Pluggables                                               | 1:1                                    | 24/48                                    | 24/120                         | 24/168              |
| WS-X4612-SFP-E                           | 12              | 1000        | Pluggables                                               | 1:1                                    | 12/28                                    | 12/64                          | 12/100              |



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|                                                         |                             |             |                                                               |                                 |        |        |               |
|---------------------------------------------------------|-----------------------------|-------------|---------------------------------------------------------------|---------------------------------|--------|--------|---------------|
| WS-X4640-CSFP-E                                         | 40 with SFP<br>80 with CSFP | 1000        | Pluggables                                                    | 2:1 with SFP<br>4:1 with CSFP   | 40/160 | 40/400 | Not supported |
| Classic 10/100/1000 Line Cards                          |                             |             |                                                               |                                 |        |        |               |
| WS-X4548-RJ45V+                                         | 48                          | 10/100/1000 | RJ-45 PoE IEEE 802.3at, IEEE 802.3af, Cisco prestandard       | 8-to-1                          | 48/96  | 48/240 | 48/384        |
| WS-X4548-GB-RJ45V                                       | 48                          | 10/100/1000 | RJ-45 PoE IEEE 802.3af and Cisco prestandard                  | 8-to-1                          | 48/96  | 48/240 | 48/384        |
| WS-X4524-GB-RJ45V                                       | 24                          | 10/100/1000 | RJ-45 PoE IEEE 802.3af and Cisco prestandard                  | 4-to-1                          | 24/48  | 24/120 | 24/168        |
| WS-X4548-GB-RJ45                                        | 48                          | 10/100/1000 | RJ-45                                                         | 8-to-1                          | 48/96  | 48/240 | 48/384        |
| Classic Gigabit Ethernet Fiber (GBIC or SFP) Line Cards |                             |             |                                                               |                                 |        |        |               |
| WS-X4306-GB                                             | 6                           | 1000BASE-X  | GBIC                                                          | Yes                             | 6/12   | 6/30   | 6/42          |
| WS-X4418-GB                                             | 18                          | 1000BASE-X  | GBIC                                                          | 2 ports full<br>16 ports 4-to-1 | 18/36  | 18/90  | 18/126        |
| WS-X4448-GB-LX                                          | 48                          | 1000BASE-LX | 48 SFPs (included)                                            | 8-to-1                          | 48/96  | 48/240 | 48/384        |
| WS-X4448-GB-SFP                                         | 48                          | 1000BASE-X  | SFP                                                           | 8-to-1                          | 48/96  | 48/240 | 48/384        |
| WS-X4506-GB-T                                           | 6 + 6                       | 10/100/1000 | 1000BASE-X (SFP) RJ-45 PoE IEEE 802.3af and Cisco prestandard | Yes                             | 6/12   | 6/30   | 6/42          |
| Classic Fast Ethernet Fiber Line Cards                  |                             |             |                                                               |                                 |        |        |               |
| WS-X4248-FE-SFP                                         | 48                          | 100BASE-X   | SFP                                                           | Yes                             | 48/96  | 48/240 | 48/384        |
| Classic 10/100 Ethernet Line Cards                      |                             |             |                                                               |                                 |        |        |               |
| WS-X4148-RJ                                             | 48                          | 10/100      | RJ-45                                                         | Yes                             | 48/96  | 48/240 | 48/384        |



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|                |    |        |                                              |     |       |        |        |
|----------------|----|--------|----------------------------------------------|-----|-------|--------|--------|
| WS-X4248-RJ45V | 48 | 10/100 | RJ-45 PoE IEEE 802.3af and Cisco prestandard | Yes | 48/96 | 48/240 | 48/384 |
|----------------|----|--------|----------------------------------------------|-----|-------|--------|--------|