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## Модуль Cisco Catalyst WS-X4648-RJ45V-E

WS-X4648-RJ45V-E

### Описание

#### Технические характеристики

|                                |                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------|
| Количество портов              | 48                                                                                                    |
| Тип портов                     | 10/100/1000Base-T                                                                                     |
| Производительность             | Per-slot switching capacity : 24 Gbps                                                                 |
| Питание Power over Ethernet    | 802.3af, Cisco Prestandart PoE                                                                        |
| 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                                           |

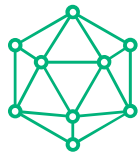
#### Port Information for Line Cards

| 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-                               | 6               | 10GBASE-X  | X2 or SFP with TwinGig | 2.5-to-1                               | 6/125                                    | 6/305                          | 6/305               |



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|                                          |                             |             |                                                          |                               |        |         |               |
|------------------------------------------|-----------------------------|-------------|----------------------------------------------------------|-------------------------------|--------|---------|---------------|
| WS-X4600-X2-E                            | 0                           | 10GBASE-X   | X2 of SFP with TwinGig Converter Module                  | 2:1-to-1 with X2 1:1 with SFP | 0/120  | 0/300   | 0/300         |
| 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        |
| 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-                                | 48                          | 10/100/1000 | RJ-45                                                    | 8-to-1                        | 48/96  | 48/240  | 48/384        |



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|---------------------------------------------------------|-------|-------------|---------------------------------------------------------------|---------------------------------|-------|--------|--------|
| GB-RJ45                                                 |       |             |                                                               |                                 |       |        |        |
| 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 |
| WS-X4248-RJ45V                                          | 48    | 10/100      | RJ-45 PoE IEEE 802.3af and Cisco prestandard                  | Yes                             | 48/96 | 48/240 | 48/384 |

## Общие

Тип устройства

Линейка Cisco

Совместимая платформа

Поддерживаемый тип интерфейсов модульного коммутатора

Карты расширения

Catalyst 4500, 4500-E

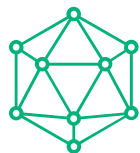
Шасси WS-C4503-E

Шасси WS-C4506-E

Шасси WS-C4507R+E

Шасси WS-C4510R+E

Интерфейсы 10/100/1000BaseT



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Совместимость с управляющими модулями

WS-X45-SUP6-E  
WS-X45-SUP7-E  
WS-X45-SUP7L-E  
WS-X45-SUP8-E