

ESPECIFICACIONES TÉCNICAS (Rc. 17429)

Ítem	Código	Descripción	U. Mda.	Cantidad
1	ACT601-000045N	CHASIS PARA MÓDULOS RACKEABLES – SWITCHES FIBRA ÓPTICA / PAR TRENZADO	C/U	1

Lugar de entrega:	Avda. Ramos Mejía 1358, 4to piso.
<p>Ítem 1:</p> <p>Switch tipo chassis modular con las siguientes características:</p> <p>Chassis:</p> <ul style="list-style-type: none"> Total number of slots: 7. Line-card slots: 5. Supervisor engine slots: 2. Dedicated supervisor engine slot numbers: 3/4. Supervisor engine redundancy: yes . Maximum PoE per slot: 1500W . Bandwidth scalability per line-card slot: Up to 48 Gbps on all slots. Number of power supply bays: 2. AC input power: Si DC input power: Si Integrated PoE: Si Power supplies supported: <ul style="list-style-type: none"> - 1000W AC - 1400W AC - 1300W ACV - 2800W ACV - 4200W ACV - 6000W ACV - 9000W ACV - 1400W DC (triple input) - 1400W-DC-P Number of fan-tray bays Location of 19-inch rackmount: 1. <p>Specification / Standard</p> <p>Regulatory compliance / CE Marking</p> <p>Safety</p> <ul style="list-style-type: none"> - UL 60950 - CAN/CSA-C22.2 No. 60950 - EN 60950 - IEC 60950 - TS 001 - AS/NZS 3260 <p>EMC</p> <ul style="list-style-type: none"> - FCC Part 15 (CFR 47) Class A - ICES-003 Class A - EN55022 Class A - CISPR22 Class A - AS/NZS 3548 Class A - VCCI Class A - EN 50121-4 - EN 55022 - EN 55024 - EN 61000-6-1 - EN 50082-1 - EN 61000-3-2 - EN 61000-3-3 - ETS 300 386 <p>Industry EMC, safety, and environmental standards</p> <ul style="list-style-type: none"> - NEBS Level 3 - ETS 300 019 Storage Class 1.1 - ETS 300 019 Transportation Class 2.3 - ETS 300 019 Stationary Use Class 3.1 - ETS 300 386 <p>Telecom (E1)</p> <ul style="list-style-type: none"> - CTR 12/13 	

- CTR 4
- ACA TS016
- Telecom (T1)
- FCC Part 68
- Canada CS-03
- JATE Green Book
- ROHS compliance
- ROHS5

Module Ethernet:

Ports: 48 10/100/1000 module (RJ-45) nonblocking
Energy Efficient: Ethernet 802.3az
Support: IEEE 802.1AE and Cisco TrustSec capability in hardware, L2-4 Jumbo Frame support (up to 9216 bytes)

Supervisor:

Centralized Wired Switching Capacity: Up to 928 Gbps
Wireless Termination Capacity: Up to 20 Gbps (software Roadmap)
Per-slot Switching Capacity: 48 Gbps
Throughput: 250 Mpps for IPv4 - 125 Mpps for IPv6
IPv4 Routing Entries: 256,000
IPv6 Routing Entries: 128,000
Multicast Routes: 32,000
CPU: Quad core; 2.0 GHz
CPU Queues: 64
Synchronous Dynamic RAM (SDRAM): 4 GB
Nonvolatile RAM (NVRAM): 2 GB
Security and QoS Hardware Entries: 128,000
Dynamic Host Configuration Protocol (DHCP) Snooping Entries: 12,000
MAC Addresses: 55,000
Active VLANs: 4094
Address Resolution Protocol (ARP) Entries: 47,000
Spanning Tree Protocol Instances: 10,000
Switched Virtual Interfaces (SVIs): 4094
Switched Port Analyzer (SPAN): Maximum of 8 bi-directional sessions
Includ: Flash memory card - 2 GB - SD

Moduls:

Transceiver module for SMF10GBASE-LR SFP+, 1310-nm wavelength, LC duplex connector

Chasis requeridos: 1

Placas de conexion: 2 placas de 48-port, 10/100/1000 Etherne nonBlocking, Per Slot Bandwidth 48 Gbps
Placa Supervisor: 2 placas con 8-port 10 Gigabit SFP+ nonblocking, scale up to 384 Gigabit copper ports, 200 Gigabit fiber ports, or 104 10 Gigabit ports in non-VSS mode.
Modulos: 2 moduls SFP+ de 10GBASE-LR.
Memorias: 2 Memorias SD 2Gb.
Fuentes: 2 fuentes de 2800WAC mínimo.
Licencias: Debe contar con el IP BASE to Enterprise Services upgrade license y Universal Crypto Image

Garantía y soporte 8x5xNBD por 3 años.

Tipo Cisco Catalyst modelo "WS-C4507R+E" con 2 "WS-X45-SUP8-E/2", 2 "SD-X45-2GB-E/2", 2 "SFP-10G-LR", 2 "WS-X4748-RJ45-E/2", 2 "PWR-C45-2800ACV/2", "C4500E-IP-ES" y "S45EUK9-S8-38E", o prestaciones y calidad equivalente.