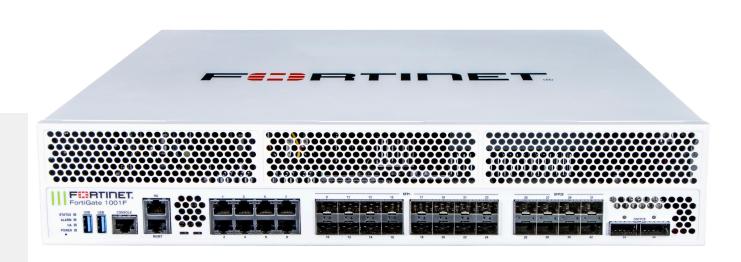




FortiGate 1000F Series

FG-1000F and FG-1001F



Highlights

Gartner Magic Quadrant Leader for both Network Firewalls and SD-WAN.

Security-Driven Networking FortiOS delivers converged networking and security.

Unparalleled Performance with Fortinet's patented / SPU / vSPU processors.

Enterprise Security with consolidated AI /

ML-powered FortiGuard Services.

Hyperscale Security to secure any edge at any scale.

High Performance with Flexibility

The FortiGate 1000F Series enables organizations to build security-driven networks that can weave security deep into their datacenter and across their hybrid IT architecture to protect any edge at any scale.

Powered by a rich set of AI/ML-based FortiGuard Services and an integrated security fabric platform, the FortiGate 1000F Series delivers coordinated, automated, end-to-end threat protection across all use cases.

The industry's first integrated Zero Trust Network Access (ZTNA) enforcement within an NGFW solution, FortiGate 1000F automatically controls, verifies, and facilitates user access to applications delivering consistent convergence with a seamless user experience.

IPS	NGFW	Threat Protection	Interfaces
19 Gbps	15 Gbps	13 Gbps	Multiple 10/1 GE RJ45, 100 GE QSFP28, 40 GE QSFP+, 25 GE SFP28, 10 GE SFP+ slots



Available in



Appliance



Virtual





Cloud



Container

FortiOS Everywhere

FortiOS, Fortinet's Advanced Operating System

FortiOS enables the convergence of high performing networking and security across the Fortinet Security Fabric. Because it can be deployed anywhere, it delivers consistent and context-aware security posture across network, endpoint, and multi-cloud environments.

FortiOS powers all FortiGate deployments whether a physical or virtual device, as a container, or as a cloud service. This universal deployment model enables the consolidation of many technologies and use cases into a simplified, single policy and management framework. Its organically built best-of-breed capabilities, unified operating system, and ultra-scalability allows organizations to protect all edges, simplify operations, and run their business without compromising performance or protection.

FortiOS dramatically expands the Fortinet Security Fabric's ability to deliver advanced AI/ ML-powered services, inline advanced sandbox detection, integrated ZTNA enforcement, and more, provides protection across hybrid deployment models for hardware, software, and Software-as-a-Service with SASE.

FortiOS expands visibility and control, ensures the consistent deployment and enforcement of security policies, and enables centralized management across large-scale networks with the following key attributes:

- Interactive drill-down and topology viewers that display real-time status
- On-click remediation that provides accurate and quick protection against threats and abuses
- Unique threat score system correlates weighted threats with users to prioritize investigations



Intuitive easy to use view into the network and endpoint vulnerabilities



Visibility with FOS Application Signatures

FortiConverter Service

FortiConverter Service provides hassle-free migration to help organizations transition from a wide range of legacy firewalls to FortiGate Next-Generation Firewalls quickly and easily. The service eliminates errors and redundancy by employing best practices with advanced methodologies and automated processes. Organizations can accelerate their network protection with the latest FortiOS technology.



FortiGuard Services

FortiGuard AI-Powered Security

FortiGuard's rich suite of security services counter threats in real time using Al-powered, coordinated protection designed by FortiGuard Labs security threat researchers, engineers, and forensic specialists.

Web Security

Advanced cloud-delivered URL, DNS (Domain Name System), and Video Filtering providing complete protection for phishing and other web born attacks while meeting compliance.

Additionally, its dynamic inline CASB (Cloud Access Security Broker) service is focused on securing business SaaS data, while inline ZTNA traffic inspection and ZTNA posture check provide per-sessions access control to applications. It also integrates with the FortiClient Fabric Agent to extend protection to remote and mobile users.

Content Security

Advanced content security technologies enable the detection and prevention of known and unknown threats and file-based attack tactics in real-time. With capabilities like CPRL (Compact Pattern Recognition Language), AV, inline Sandbox, and lateral movement protection make it a complete solution to address ransomware, malware, and credential-based attacks.

Device Security

Advanced security technologies are optimized to monitor and protect IT, IIoT, and OT (Operational Technology) devices against vulnerability and device-based attack tactics. Its validated near-real-time IPS intelligence detects, and blocks known and zero-day threats, provides deep visibility and control into ICS/OT/SCADA protocols, and provides automated discovery, segmentation, and pattern identification-based policies.

Advanced Tools for SOC/NOC

Advanced NOC and SOC management tools attached to your NGFW provide simplified and faster time-to-activation.

SOC-as-a-Service

Includes tier-one hunting and automation, log location, 24×7 SOC analyst experts, managed firewall and endpoint functions, and alert triage.

Fabric Rating Security Best Practices

Includes supply chain virtual patching, up-to-date risk and vulnerability data to deliver quicker business decisions, and remediation for data breach situations.



Secure Any Edge at Any Scale

Powered by Security Processing Unit (SPU)

Traditional firewalls cannot protect against today's content- and connection-based threats because they rely on off-the-shelf hardware and general-purpose CPUs, causing a dangerous performance gap. Fortinet's custom SPU processors deliver the power you need—up to 520Gbps—to detect emerging threats and block malicious content while ensuring your network security solution does not become a performance bottleneck.

ASIC Advantage



Network Processor 7 NP7

Network Processors operate inline to deliver unmatched performance and scalability for critical network functions. Fortinet's breakthrough SPU NP7 network processor works in line with FortiOS functions to deliver:

- Hyperscale firewall, accelerated session setup, and ultra-low latency
- Industry-leading performance for VPN, VXLAN termination, hardware logging, and elephant flows



Content Processor 9 CP9

Content Processors act as co-processors to offload resource-intensive processing of security functions. The ninth generation of the Fortinet Content Processor, the CP9, accelerates resource-intensive SSL (including TLS 1.3) decryption and security functions while delivering:

- Pattern matching acceleration and fast inspection of real-time traffic for application identification
- IPS pre-scan/pre-match, signature correlation offload, and accelerated antivirus processing



FortiCare Services

Fortinet is dedicated to helping our customers succeed, and every year FortiCare Services help thousands of organizations get the most from our Fortinet Security Fabric solution. Our lifecycle portfolio offers Design, Deploy, Operate, Optimize, and Evolve services. Operate services offer device-level FortiCare Elite service with enhanced SLAs to meet our customer's operational and availability needs. In addition, our customized account-level services provide rapid incident resolution and offer proactive care to maximize the security and performance of Fortinet deployments.



Use Cases

Next Generation Firewall (NGFW)

- FortiGuard Labs' suite of Al-powered Security Services—natively integrated with your NGFW—secures web, content, and devices and protects networks from ransomware and sophisticated cyberattacks
- Real-time SSL inspection (including TLS 1.3) provides full visibility into users, devices, and applications across the attack surface
- Fortinet's patented SPU (Security Processing Unit) technology provides industry-leading high-performance protection



Segmentation

- Dynamic segmentation adapts to any network topology to deliver true end-to-end security—from the branch to the datacenter and across multi-cloud environments
- Ultra-scalable, low latency, VXLAN segmentation bridges physical and virtual domains with Layer 4 firewall rules
- Prevents lateral movement across the network with advanced, coordinated protection from FortiGuard Security Services detects and prevents known, zero-day, and unknown attacks



Secure SD-WAN

- FortiGate WAN Edge powered by one OS and unified security and management framework and systems transforms and secures WANs
- Delivers superior quality of experience and effective security posture for work-from-any where models, SD-Branch, and cloud-first WAN use cases
- Achieve operational efficiencies at any scale through automation, deep analytics, and self-healing

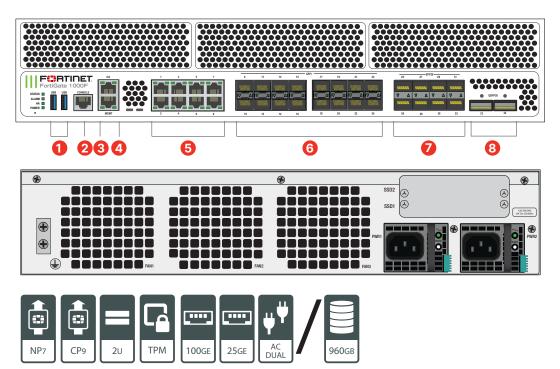


Mobile Security for 4G, 5G, and IoT

- SPU-accelerated, high performance CGNAT and IPv6 migration options, including: NAT44, NAT444, NAT64/ DNS64, NAT46 for 4G Gi/sGi, and 5G N6 connectivity and security
- RAN Access Security with highly scalable and highest-performing IPsec aggregation and control Security Gateway (SecGW)
- User plane security enabled by full threat protection and visibility into GTP-U inspection

Hardware

FortiGate 1000F Series



Interfaces

- 1. 2 x USB
- 2. 1 x Console Port
- 3. 1 x GE RJ45 Management Port
- 4. 1×2.5 GE / GE HA Port
- 5. 8 × 10 GE / 5 GE / 2.5 GE / GE / 100M RJ45 Slots
- 6. 16 × 10 GE SFP+ / GE SFP Slots
- 7. 8 × 25 GE SFP28 / 10 GE SFP+ / GE SFP Slots
- 8. 2 × 100 GE QSFP28 / 40 GE QSFP+ Slots

Trusted Platform Module (TPM)

The FortiGate 1000F Series features a dedicated module that hardens physical networking appliances by generating, storing, and authenticating cryptographic keys. Hardware-based security mechanisms protect against malicious software and phishing attacks.

100 GE Connectivity for Network

High-speed connectivity is essential for network security segmentation at the core of data networks. The FortiGate 1000F series provides multiple 100 GE QSFP28 slots, simplifying network designs without relying on additional devices to bridge desired connectivity.

Specifications

Interfaces and Modules			
Hardware Accelerated 100 GE QSFP28 / 40 GE QSFP+ Slots	2		
Hardware Accelerated 25 GE SFP28 / 10 GE SFP+ / GE SFP Slots	8		
Hardware Accelerated 10 GE SFP+ / GE SFP Slots	16		
Hardware Accelerated 10 GE / 5 GE / 2.5 GE / GE / 100M RJ45 Slots	8		
2.5 GE / GE HA Port	1		
10GE/ GE RJ45 Management Ports	1		
USB Ports (Client / Server)	2/2		
Console Port	1		
Onboard Storage	No	2× 480 GB	
Trusted Platform Module (TPM)	Yes		
Included Transceivers	2x SFP S	X	
System Performance — Enterprise Traffic Mix			
IPS Throughput ²	19 Gbps		
NGFW Throughput ^{2, 4}	15 Gbps		
Threat Protection Throughput ^{2,5}	13 Gbps	5	
System Performance and Capacity	100 / 100 / 10		
IPv4 Firewall Throughput (1518 / 512 / 64 byte, UDP)	198 / 196 / 134 Gbps		
IPv6 Firewall Throughput (1518 / 512 / 86 byte, UDP)	198 / 196 / 134 Gbps		
Firewall Latency (64 byte, UDP)	3.45 µs		
Firewall Throughput (Packet per Second)	201 Mpp		
Concurrent Sessions (TCP)	7.5 Millio		
New Sessions/Second (TCP)	650 000		
Firewall Policies	100 000		
IPsec VPN Throughput (512 byte) ¹	55 Gbps	5	
Gateway-to-Gateway IPsec VPN Tunnels	20 000		
Client-to-Gateway IPsec VPN Tunnels	100 000		
SSL-VPN Throughput ⁶	5.3 Gbps		
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	10 000		
SSL Inspection Throughput (IPS, avg HTTPS) ³	10 Gbps		
SSL Inspection CPS (IPS, avg. HTTPS) ³	11 000		
SSL Inspection Concurrent Session (IPS, avg HTTPS) ³	600 000		
Application Control Throughput (HTTP 64K) ²	44 Gbps	3	
CAPWAP Throughput (HTTP 64K)	65 Gbps		
Virtual Domains (Default / Maximum)	10 / 250		
Maximum Number of FortiSwitches Supported	196		
Maximum Number of FortiAPs (Total / Tunnel)	4096 / 20	48	
Maximum Number of FortiTokens	20 000		
High Availability Configurations	Active-Active, Active-Pa	ssive, Clustering	

Note: All performance values are "	"up to" and vary	/ depending on system	configuration.
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¹ IPsec VPN performance test uses AES256-SHA256.

 $^{\rm 2}$ IPS (Enterprise Mix), Application Control, NGFW and Threat Protection are measured with Logging enabled.

 $^{\rm s}$ SSL Inspection performance values use an average of HTTPS sessions of different cipher suites.

	FG-1000F	FG-1001F		
Dimensions and Power				
Height x Width x Length (inches)	3.5 × 17.44 × 17.63			
Height x Width x Length (mm)	88.9 × 44	43 × 447.4		
Weight	21.94 lbs (9.95 kg)	22.71 lbs (10.3 kg)		
Form Factor (supports EIA/non-EIA standards)	Rack Mount, 2RU			
AC Power Supply	100-240VA	C, 50/60 Hz		
AC Current (Maximum)	6A@120VAC	, 3A@240VAC		
Power Consumption (Average / Maximum)	210 W / 408 W	215 W / 415 W		
Heat Dissipation	1211 BTU/h	1229 BTU/h		
Power Supply Efficiency Rating	80Plus (80Plus Compliant		
Redundant Power Supplies (Hot Swappable)	Yes (comes with 2PSU default)			
Operating Environment and Certifications				
Operating Temperature	32°-104°F (0°-40°C)			
Storage Temperature	-31°-158°F (-35°-70°C)			
Humidity	10%–90% non-condensing			
Noise Level	66.7 dBA			
Forced Airflow	Front to Back			
Operating Altitude	Up to 10 000 ft (3048 m)			
Compliance FCC Part 15 Class A, RCM, VC CE, UL/cUL, CB				
Certifications	USGV	6/IPv6		

⁴ NGFW performance is measured with Firewall, IPS and Application Control enabled.

⁵ Threat Protection performance is measured with Firewall, IPS, Application Control and Malware Protection enabled.

⁶ Uses RSA-2048 certificate.

Subscriptions

	Service Offering		Bundles		
Service Category		A-la-carte	Enterprise Protection	Unified Threat Protection	Advanced Threat Protection
Security Services	FortiGuard IPS Service	•	•	•	•
	FortiGuard Anti-Malware Protection (AMP) — Antivirus, Mobile Malware, Botnet, CDR, Virus Outbreak Protection and FortiSandbox Cloud Service	•		•	•
	FortiGuard Web Security — URL and web content , Video and Secure DNS Filtering	•	•	•	
	FortiGuard Anti-Spam		•	•	
	FortiGuard IoT Detection Service	•	•		
	FortiGuard Industrial Security Service	•	•		
	FortiCloud AI-based Inline Sandbox Service ¹	•			
NOC Services	FortiGate Cloud (SMB Logging + Cloud Management)	•			
	FortiGuard Security Fabric Rating & Compliance Monitoring Service	•	•		
	FortiConverter Service	•	•		
	FortiGuard SD-WAN Underlay Bandwidth and Quality Monitoring Service	•			
SOC Services	FortiAnalyzer Cloud	•			
	FortiAnalyzer Cloud with SOCaaS	•			
Hardware and Software Support	FortiCare Essentials	•			
	FortiCare Premium	•	•	•	•
	FortiCare Elite	•			
Base Services	FortiGuard Application Control				
	FortiCloud ZTNA Inline CASB Service ¹	included with EartiGare Subscription			
	Internet Service (SaaS) DB Updates				
	GeoIP DB Updates		included with FortiCare Subscription		
	Device/OS Detection Signatures				
	Trusted Certificate DB Updates				
	DDNS (v4/v6) Service				

1. Available when running FortiOS 7.2



FortiGuard Bundles

FortiGuard Labs delivers a number of security intelligence services to augment the FortiGate firewall platform. You can easily optimize the protection capabilities of your FortiGate with one of these FortiGuard Bundles.

FortiCare Elite

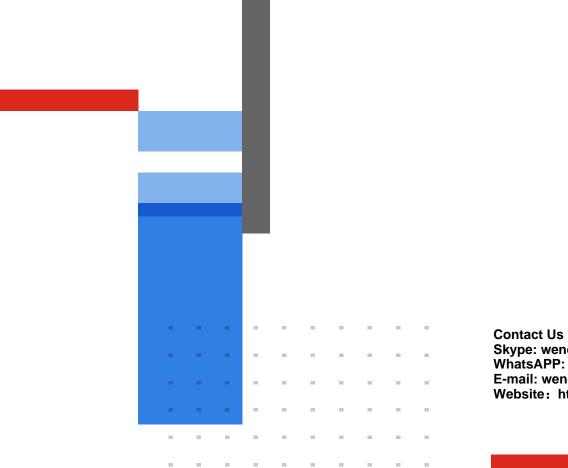
FortiCare Elite services offers enhanced service-level agreements (SLAs) and accelerated issue resolution. This advanced support offering provides access to a dedicated support team. Single-touch ticket handling by the expert technical team streamlines resolution. This option also provides Extended End-of-Engineering-Support (EoE's) of 18 months for added flexibility and access to the new FortiCare Elite Portal. This intuitive portal provides a single unified view of device and security health.

Fortinet CSR Policy

Fortinet is committed to driving progress and sustainability for all through cybersecurity, with respect for human rights and ethical business practices, making possible a digital world you can always trust. You represent and warrant to Fortinet that you will not use Fortinet's products and services to engage in, or support in any way, violations or abuses of human rights, including those involving illegal censorship, surveillance, detention, or excessive use of force. Users of Fortinet products are required to comply with the Fortinet EULA and report any suspected violations of the EULA via the procedures outlined in the Fortinet Whistleblower Policy.

Ordering Information

FortiGate 1000FE-000F2× 100E GSFP28 slots, 8× 25GE SFP28 slots, 16× 10GE SFP+ slots, 8× 10GE BASE-T RJ45 ports, 1× 10E MMT port, 1× 2.50E HA port, SPU NP7 and CP9 hardware accelerated, dual AL power supplies.FortiGate 1001FEG-1001F2× 100E GSFP28 slots, 8× 25GE SFP28 slots, 16× 100E SFP+ slots, 8× 100E BASE-T RJ4S power supplies.Optional AccessoriesSKUDescriptionRack Mount Sliding RailsSP-FG30408-RAILRack mount sliding rails for FG-1000/-DC, FG-1500D/DC, FG-3000/-DC, FG-3		0//11	
Parts, In SER MATE, Parts, P	Product	SKU	Description
optics, 1+ 16H KMMP port, 1+ 2561 HAV power supplies.Optional AccessoriesSKUDescriptionRack Mount Silding RalisSP-FG3040B-RAILSP-FG3040B-RAILSP-FG3000/S01E, FG-30000/C05, FG-3000/C05, FG-30000/C05, FG-3000/C05, FG-3000/FG-300/C05, FG-3000/FG-300/F	FortiGate 1000F	FG-1000F	ports, 1× 1GE MGMT port, 1× 2.5GE HA port, SPU NP7 and CP9 hardware accelerated, dual AC
Rack Mount Siding Rails SP-FG3040B-RAIL Rack mount alling rais for EG-10020-DC, FG-1020D, FG-1002D-C, FG-30003 000T, FG-30003 00T, FG-30002 00T, FF-30002 00T, FF-30002 00T, FF-30000, FF-30002 00T, FF-30002 00T, FF-30002 00T, FF-30002 00T	FortiGate 1001F	FG-1001F	ports, 1× 1GE MGMT port, 1× 2.5GE HA port, SPU NP7 and CP9 hardware accelerated, 960GB
B148E/BC, FG-3200/JOE, FG-3000/JOE, FG-300/JOE, F	Optional Accessories	SKU	Description
XX sold separately. XX sold separately. 1 GE SFP LX Transceiver Module FN-TRAN-LX 1 GE SFP LX transceiver module for all systems with SFP and SFP/SFP slots. 1 GE SFP RAIS Transceiver Module FN-TRAN-LX 1 GE SFP RAIS transceiver module for all systems with SFP and SFP/SFP slots. 10 GE SFP RAIS Transceiver Module FN-TRAN-SFP-GC 10 GE SFP ransceiver module for all systems with SFP and SFP/SFP slots. 10 GE SFP RAIS Transceiver Module, Long Range FN-TRAN-SFP-RR 10 GE SFP transceiver module, stored range for all systems with SFP and SFP/SFP slots. 10 GE SFP transceiver Module, Long Range FN-TRAN-SFP-RR 10 GE SFP transceiver module, stored range for all systems with SFP and SFP/SFP slots. 10 GE SFP transceiver Module, Comnects to FN- FN-TRAN-SFP-RR 10 GE SFP transceiver module, solt module, actended range for all systems with SFP and SFP/SFP slots. 10 GE SFP transceiver Module, Stored Range FN-TRAN-SFP-BD27 10 GE SFP transceiver module, solt module, actended range for all systems with SFP and SFP/SFP slots. 10 GE SFP transceiver Module, Store Range FN-TRAN-SFP-BD27 10 GE SFP transceiver module, store range for all systems with SFP and SFP/SFP and SFP/SFP all Stores separately. 10 GE SFP transceiver Module, Store Range FN-TRAN-SFP28-R1 20 GE SFP2 transceiver module, long range for all systems with SFP and SFP/SFP all Stores separately.	Rack Mount Sliding Rails	SP-FG3040B-RAIL	3140B/-DC, FG-3240C/-DC, FG-3000D/-DC, FG-3000/ 3001F, FG-3100D/-DC, FG-3200D/-DC, FG-3400/3401E, FG3600/3601E, FG-3700D/-DC, FG-3700DX, FG-3810D/-DC and FG-3950B/-
1 GE SFP RJ45 Transceiver Module FN-TRAN-GC 1 GE SFP SX Transceiver Module for all systems with SFP and SFP/SFP+slots. 1 GE SFP SX Transceiver Module FN-TRAN-SX 1 GE SFP SX transceiver module for all systems with SFP and SFP/SFP+slots. 10 GE SFP+ RJ45 Transceiver Module, Short Range FN-TRAN-SFP-SR 10 GE SFP+ transceiver module, short range for all systems with SFP and SFP/SFP+ slots. 10 GE SFP+ Transceiver Module, Long Range FN-TRAN-SFP-SR 10 GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots. 10 GE SFP+ Transceiver Module, Stort Range FN-TRAN-SFP+SR 10 GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots. 10 GE SFP+ Transceiver Module, Cong Range FN-TRAN-SFP+BR2 10 GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots. 10 GE SFP+ Transceiver Module, Cong Range FN-TRAN-SFP+BR3 10 GE SFP+ transceiver module, short short swith SFP+ and SFP/SFP+ and SFP/SFP/SFP 10 GE SFP+ Tra	AC Power Supply	SP-FG400F-PS	AC power supply for FG-400/401F, FG-600/601F, and FG-1000/1001F power cable SP-FGPCOR-XX sold separately.
1 GE SFP SX Transceiver Module FN-TRAN-SX 1 GE SFP SX transceiver module for all systems with SFP and SFP/SFP slots. 10 GE SFP+ Transceiver Module, Short Range FN-TRAN-SFP+GC 10 GE SFP+ transceiver module, for all systems with SFP and SFP/SFP+ slots. 10 GE SFP+ Transceiver Module, Short Range FN-TRAN-SFP+LR 10 GE SFP+ transceiver module, long range for all systems with SFP+ and SFP/SFP+ slots. 10 GE SFP+ Transceiver Module, Extended Range FN-TRAN-SFP+LR 10 GE SFP+ transceiver module, long range single BID for systems with SFP+ and SFP/SFP+ slots. 10 GE SFP+ transceiver Module, Connects to FN- FN-TRAN-SFP+ED 10 GE SFP+ transceiver module, Slot mange single BID for systems with SFP+ and SFP/SFP+ slots. 10 GE SFP- transceiver Module, Connects to FN- FN-TRAN-SFP+BD27 10 GE SFP+ transceiver module, Slot mong range single BID for systems with SFP+ and SFP/SFP+ slots. 10 GE SFP- transceiver Module, Connects to FN- FN-TRAN-SFP-BD33 10 GE SFP+ transceiver module, Slot mong range single BID for systems with SFP+ and SFP/SFP+ slots. 10 GE SFP+ transceiver Module, Short Range FN-TRAN-SFP28-SR 25 GE SFP28 transceiver module, Short Range FN-TRAN-SFP28-SR 25 GE SFP28 transceiver Module, Short Range FN-TRAN-SFP28-SR 25 GE SFP28 transceiver module, short range for all systems with SFP28 slots. 40 GE GSFP+ transceiver Module, Short Range FN-TRAN-GFP28-SR 100 GE GSFP4 transceiver module, sh	1 GE SFP LX Transceiver Module	FN-TRAN-LX	1 GE SFP LX transceiver module for all systems with SFP and SFP/SFP+ slots.
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10 GE SFP+ Transceiver Module, Short Range FN-TRAN-SFP+SR 10 GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots. 10 GE SFP+ Transceiver Module, Long Range FN-TRAN-SFP+LR 10 GE SFP+ transceiver module, actended range for all systems with SFP+ and SFP/SFP+ slots. 10 GE SFP+ Transceiver Module, Stort Range FN-TRAN-SFP+ER 10 GE SFP+ transceiver module, actended range for all systems with SFP+ and SFP/SFP+ slots. 10 GE SFP+ Transceiver Module, connects to FN-TRAN-SFP+BD27 100E SFP+ transceiver module, 30km long range single BID for systems with SFP+ and SFP/SFP+ slots. 10 GE SFP+ Transceiver Module, connects to FN-TRAN-SFP+BD33 100E SFP+ transceiver module, 30km long range single BID for systems with SFP+ and SFP/SFP+ and SFP/SFP+ slots. 10 GE SFP+ Active Direct Attach Cable, 10m / 32.8 ft SP-CABLE-ADASFP+ 10 GE SFP+ transceiver module, slott range for all systems with SFP4 and SFP/SFP+ and SFP/SFP4 and SFP2 and SFP2 are slotter Module, Short Range FN-TRAN-SFP4B27 10 GE SFP4 transceiver module, slott range for all systems with SFP4 and SFP/SFP4 and	1 GE SFP SX Transceiver Module	FN-TRAN-SX	1 GE SFP SX transceiver module for all systems with SFP and SFP/SFP+ slots.
10 GE SFP+ Transceiver Module, Long Range FN-TRAN-SFP+LR 10 GE SFP+ transceiver module, long range for all systems with SFP+ and SFP/SFP+ slots. 10 GE SFP+ Transceiver Module, Standard Range FN-TRAN-SFP+ER 10 GE SFP+ transceiver module, extended range for all systems with SFP+ and SFP/SFP+ slots. 10 GE SFP+ Transceiver Module, 30km Long Range FN-TRAN-SFP+ED27 10 GE SFP+ transceiver module, Standard Standa	10 GE SFP+ RJ45 Transceiver Module	FN-TRAN-SFP+GC	10 GE SFP+ RJ45 transceiver module for systems with SFP+ slots.
10 GE SFP+ Transceiver Module, Extended Range FN-TRAN-SFP+ER 10 GE SFP+ transceiver module, advended range for all systems with SFP+ and SFP/SFP+ slott. 10 GE SFP+ Transceiver Module, 30km Long Range FN-TRAN-SFP+BD27 10 GE SFP+ transceiver module, 30km long range single BIDI for systems with SFP+ and SFP/SFP+ slott. (connects to FN-TRAN-SFP+BD23), ordered separately) 10 GE SFP+ transceiver Module, (connects to FN- TRAN-SFP+BD27, ordered separately) FN-TRAN-SFP+BD33 10 GE SFP+ transceiver module, 30km long range single BIDI for systems with SFP+ and SFP/SFP+ slott. (connects to FN-TRAN-SFP+BD27, ordered separately) 10 GE SFP+ transceiver Module, Short Range FN-TRAN-SFP28-SR 25 GE SFP28 transceiver module, 30km long range for all systems with SFP28 slots. 25 GE SFP28 Transceiver Module, Short Range FN-TRAN-SFP28-SR 25 GE SFP28 transceiver module, short range for all systems with QSFP+ slots. 40 GE QSFP+ Transceiver Module, Long Range FN-TRAN-QSFP28-R 40 GE QSFP+ transceiver module, short range BIDI for all systems with QSFP+ slots. 40 GE QSFP28 Transceiver Module, Long Range FN-TRAN-QSFP28-SR 100 GE QSFP28 transceiver module, short range for all systems with QSFP+ slots. 100 GE QSFP28 Transceiver Module FN-TRAN-QSFP28-SR 100 GE QSFP28 transceiver module, short range for all systems with QSFP28 slots. 100 GE QSFP28 Transceivers, Short Range FN-TRAN-QSFP28-SR 100 GE QSFP28 transceiver module, short range for all systems with QSFP28 slots.	10 GE SFP+ Transceiver Module, Short Range	FN-TRAN-SFP+SR	10 GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots.
10GE SFP+ Transceiver Module, 30km Long RangeFN-TRAN-SFP+BD2710GE SFP+ transceiver module, 30km long range single BiDi for systems with SFP+ and SFP/ SFP+ slots (connects to FN-TRAN-SFP+BD27, ordered separately)10GE SFP+ Transceiver Module, Connects to FN- TRAN-SFP+BD27, ordered separately)FN-TRAN-SFP+BD3310GE SFP+ slots (connects to FN-TRAN-SFP+BD27, ordered separately)10 GE SFP+ Active Direct Attach Cable, 10m / 32.8 ftSP-CABLE-ADASFP+10 GE SFP+ active direct attach cable, 10m / 32.8 ft for all systems with SFP+ and SFP/ SFP+ slots (connects to FN-TRAN-SFP+BD27, ordered separately)10 GE SFP28 Transceiver Module, Short RangeFN-TRAN-SFP28-SR25 GE SFP28 transceiver module, short range for all systems with SFP28 slots.25 GE SFP28 Transceiver Module, Short Range BIDIFO-TRAN-SFP+SR40 GE QSFP+ transceiver module, short range for all systems with QSFP+ slots.40 GE QSFP+ Transceiver Module, Short Range BIDIFO-TRAN-QSFP+SR-BIDI40 GE QSFP+ transceiver module, long range for all systems with QSFP+ slots.40 GE QSFP28 Transceivers, Short RangeFN-TRAN-QSFP28-SR100 GE QSFP28 transceiver module, long range for all systems with QSFP2 slots.100 GE QSFP28 Transceivers, Long RangeFN-TRAN-QSFP28-SR100 GE QSFP28 transceiver module, 100m MMF LC connector, for systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 transceiver module, 100m MMF LC connector, for systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE	10 GE SFP+ Transceiver Module, Long Range	FN-TRAN-SFP+LR	10 GE SFP+ transceiver module, long range for all systems with SFP+ and SFP/SFP+ slots.
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TRAN-SPP+BD27, ordered separately)SPP+ slots (connects to FN-TRAN-SPP+BD27, ordered separately)10 GE SPP+ Active Direct Attach Cable, 10m / 32.8 ftSP-CABLE-ADASFP+10 GE SFP+ active direct attach cable, 10m / 32.8 ft for all systems with SFP+ and SFP/SFP+ s25 GE SFP28 Transceiver Module, Short RangeFN-TRAN-SFP24-SR25 GE SFP28 transceiver module, short range for all systems with SFP28 slots.26 GE SFP28 Transceiver Module, Short Range BiDIFO-TRAN-SFP+SR-SR40 GE QSFP+ transceiver module, short range for all systems with QSFP+ slots.40 GE QSFP+ Transceiver Module, Short Range BiDIFO-TRAN-QSFP+SR-BIDI40 GE QSFP+ transceiver module, short range BiDI for all systems with QSFP+ slots.40 GE QSFP+ Transceiver Module, Long RangeFN-TRAN-QSFP28-SR100 GE QSFP28 transceiver, 4 channel parallel fiber, short range for all systems with QSFP+ slots.100 GE QSFP28 Transceivers, Short RangeFN-TRAN-QSFP28-SR100 GE QSFP28 transceivers, 4 channel parallel fiber, long range for all systems with QSFP28 slots.100 GE QSFP28 Transceivers, CVDM4FN-TRAN-QSFP28-BIDI100 GE QSFP28 transceivers, 4 channel parallel fiber, long range for all systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 transceivers, 100 GE QSFP28 slot transceiver module, short range, for systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 transceivers, 100 GE QSFP28 slot transceiver module, short range, for systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 transceiver module, short range, for systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver	10GE SFP+ Transceiver Module, 30km Long Range	FN-TRAN-SFP+BD27	
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25 GE SFP28 Transceiver Module, Long RangeFN-TRAN-SFP28-LR25 GE SFP28 transceiver module, long range for all systems with SFP28 slots.40 GE QSFP+ Transceiver Module, Short RangeFN-TRAN-QSFP+SR40 GE QSFP+ transceiver module, short range for all systems with QSFP+ slots.40 GE QSFP+ Transceiver Module, Short Range BiDiFG-TRAN-QSFP+SR-BiDi40 GE QSFP+ transceiver module, short range BiDi for all systems with QSFP+ slots.40 GE QSFP+ Transceiver Module, Long RangeFN-TRAN-QSFP+SR-BiDi40 GE QSFP+ transceiver module, long range for all systems with QSFP+ slots.100 GE QSFP28 Transceivers, Short RangeFN-TRAN-QSFP28-SR100 GE QSFP28 transceivers, 4 channel parallel fiber, short range for all systems with QSFP28 slots.100 GE QSFP28 Transceivers, Long RangeFN-TRAN-QSFP28-LR100 GE QSFP28 transceivers, 4 channel parallel fiber, long range for all systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 transceivers, 4 channel parallel fiber, long range for all systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-CWDM4100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 BiDI transceiver module, short range, for systems with QSFP28 slots.25 GE SFP28 Passive Direct Attach CableFN-CABLE-SF	10 GE SFP+ Active Direct Attach Cable, 10m / 32.8 ft	SP-CABLE-ADASFP+	10 GE SFP+ active direct attach cable, 10m / 32.8 ft for all systems with SFP+ and SFP/SFP+ slots
40 GE QSFP+ Transceiver Module, Short RangeFN-TRAN-QSFP+SR40 GE QSFP+ transceiver module, short range for all systems with QSFP+ slots.40 GE QSFP+ Transceiver Module, Short Range BIDiFG-TRAN-QSFP+SR-BIDI40 GE QSFP+ transceiver module, short range for all systems with QSFP+ slots.40 GE QSFP+ Transceiver Module, Long RangeFN-TRAN-QSFP+LR40 GE QSFP+ transceiver module, long range for all systems with QSFP+ slots.100 GE QSFP28 Transceivers, Short RangeFN-TRAN-QSFP28-SR100 GE QSFP28 transceivers, 4 channel parallel fiber, short range for all systems with QSFP28 slots.100 GE QSFP28 Transceivers, Long RangeFN-TRAN-QSFP28-LR100 GE QSFP28 transceivers, 4 channel parallel fiber, long range for all systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-LR100 GE QSFP28 transceivers, 4 channel parallel fiber, long range for all systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 transceivers, LC connector, for systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-CWDM4100 GE QSFP28 biDI transceiver module, short range, for systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.100 GE QSFP28 Passive Direct Attach CableFN-CABLE-SFP28-325 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots.25 GE SFP28 Passive Direct Attach CableFN-CABLE-SFP28-325 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots.100 GE QSFP28 Breakout to 4× 25 GE SFP28 PassiveFN-CABLE-QSFP28-SFP28-3100 GE Q	25 GE SFP28 Transceiver Module, Short Range	FN-TRAN-SFP28-SR	25 GE SFP28 transceiver module, short range for all systems with SFP28 slots.
40 GE QSFP+ Transceiver Module, Short Range BiDiFG-TRAN-QSFP+SR-BiDi40 GE QSFP+ transceiver module, short range BiDi for all systems with QSFP+ slots.40 GE QSFP+ Transceiver Module, Long RangeFN-TRAN-QSFP+LR40 GE QSFP+ transceiver module, long range for all systems with QSFP+ slots.100 GE QSFP28 Transceivers, Short RangeFN-TRAN-QSFP28-SR100 GE QSFP28 transceivers, 4 channel parallel fiber, short range for all systems with QSFP28 slots.100 GE QSFP28 Transceivers, Long RangeFN-TRAN-QSFP28-LR100 GE QSFP28 transceivers, 4 channel parallel fiber, long range for all systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 BIDI transceiver module, 100m MMF LC connector, for systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 transceivers, LC connectors, 2KM for all systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI-1100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.25 GE SFP28 Passive Direct Attach CableFN-CABLE-SFP28-125 GE SFP28 passive direct attach cable 1m for systems with SFP28 slots.25 GE SFP28 Passive Direct Attach CableFN-CABLE-SFP28-525 GE SFP28 passive direct attach cable, 5m for systems with SFP28 slots.100 GE QSFP28 Breakout to 4× 25 GE SFP28 PassiveFN-CABLE-QSFP28-4SFP28-325 GE SFP28 passive direct attach cable, 1m100 GE QSFP28 Breakout to 4× 25 GE SFP28 PassiveFN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 brea	25 GE SFP28 Transceiver Module, Long Range	FN-TRAN-SFP28-LR	25 GE SFP28 transceiver module, long range for all systems with SFP28 slots.
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slots.100 GE QSFP28 Transceivers, CWDM4FN-TRAN-QSFP28-CWDM4100 GE QSFP28 transceivers, LC connectors, 2KM for all systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.25 GE SFP28 Passive Direct Attach CableFN-CABLE-SFP28-125 GE SFP28 passive direct attach cable 1m for systems with SFP28 slots.25 GE SFP28 Passive Direct Attach CableFN-CABLE-SFP28-325 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots.25 GE SFP28 Passive Direct Attach CableFN-CABLE-SFP28-525 GE SFP28 passive direct attach cable 5m for systems with SFP28 slots.100 GE QSFP28 Breakout to 4× 25 GE SFP28 PassiveFN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 1m100 GE QSFP28 Breakout to 4× 25 GE SFP28 PassiveFN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m100 GE QSFP28 Breakout to 4× 25 GE SFP28 PassiveFN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 5m	100 GE QSFP28 Transceivers, Long Range	FN-TRAN-QSFP28-LR	
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100 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI-I100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.25 GE SFP28 Passive Direct Attach CableFN-CABLE-SFP28-125 GE SFP28 passive direct attach cable 1m for systems with SFP28 slots.25 GE SFP28 Passive Direct Attach CableFN-CABLE-SFP28-325 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots.25 GE SFP28 Passive Direct Attach CableFN-CABLE-SFP28-525 GE SFP28 passive direct attach cable 5m for systems with SFP28 slots.20 GE QSFP28 Breakout to 4× 25 GE SFP28 PassiveFN-CABLE-QSFP28-4SFP28-1100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 1m100 GE QSFP28 Breakout to 4× 25 GE SFP28 PassiveFN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m100 GE QSFP28 Breakout to 4× 25 GE SFP28 PassiveFN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m100 GE QSFP28 Breakout to 4× 25 GE SFP28 PassiveFN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m	100 GE QSFP28 Transceivers, CWDM4	FN-TRAN-QSFP28-CWDM4	100 GE QSFP28 transceivers, LC connectors, 2KM for all systems with QSFP28 slots.
25 GE SFP28 Passive Direct Attach Cable FN-CABLE-SFP28-1 25 GE SFP28 passive direct attach cable 1m for systems with SFP28 slots. 25 GE SFP28 Passive Direct Attach Cable FN-CABLE-SFP28-3 25 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots. 25 GE SFP28 Passive Direct Attach Cable FN-CABLE-SFP28-3 25 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots. 25 GE SFP28 Passive Direct Attach Cable FN-CABLE-SFP28-5 25 GE SFP28 passive direct attach cable 5m for systems with SFP28 slots. 100 GE QSFP28 Breakout to 4× 25 GE SFP28 Passive FN-CABLE-QSFP28-4SFP28-1 100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 1m 100 GE QSFP28 Breakout to 4× 25 GE SFP28 Passive FN-CABLE-QSFP28-4SFP28-3 100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m 100 GE QSFP28 Breakout to 4× 25 GE SFP28 Passive FN-CABLE-QSFP28-4SFP28-5 100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m 100 GE QSFP28 Breakout to 4× 25 GE SFP28 Passive FN-CABLE-QSFP28-4SFP28-5 100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 5m	100 GE QSFP28 BIDI Transceiver Module	FN-TRAN-QSFP28-BIDI	100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.
25 GE SFP28 Passive Direct Attach Cable FN-CABLE-SFP28-3 25 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots. 25 GE SFP28 Passive Direct Attach Cable FN-CABLE-SFP28-5 25 GE SFP28 passive direct attach cable 5m for systems with SFP28 slots. 100 GE QSFP28 Breakout to 4×25 GE SFP28 Passive Direct Attach Cable FN-CABLE-QSFP28-4SFP28-1 100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 1m 100 GE QSFP28 Breakout to 4×25 GE SFP28 Passive Direct Attach Cable FN-CABLE-QSFP28-4SFP28-3 100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 3m 100 GE QSFP28 Breakout to 4×25 GE SFP28 Passive Direct Attach Cable FN-CABLE-QSFP28-4SFP28-3 100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 3m 100 GE QSFP28 Breakout to 4×25 GE SFP28 Passive Direct Attach Cable FN-CABLE-QSFP28-4SFP28-5 100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 5m	100 GE QSFP28 BIDI Transceiver Module	FN-TRAN-QSFP28-BIDI-I	100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.
25 GE SFP28 Passive Direct Attach Cable FN-CABLE-SFP28-5 25 GE SFP28 passive direct attach cable 5m for systems with SFP28 slots. 100 GE QSFP28 Breakout to 4×25 GE SFP28 Passive FN-CABLE-QSFP28-4SFP28-1 100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 1m 100 GE QSFP28 Breakout to 4×25 GE SFP28 Passive FN-CABLE-QSFP28-4SFP28-3 100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 3m 100 GE QSFP28 Breakout to 4×25 GE SFP28 Passive FN-CABLE-QSFP28-4SFP28-3 100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 3m 100 GE QSFP28 Breakout to 4×25 GE SFP28 Passive FN-CABLE-QSFP28-4SFP28-5 100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 5m	25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-SFP28-1	25 GE SFP28 passive direct attach cable 1m for systems with SFP28 slots.
100 GE QSFP28 Breakout to 4× 25 GE SFP28 Passive Direct Attach Cable FN-CABLE-QSFP28-4SFP28-1 100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 1m 100 GE QSFP28 Breakout to 4× 25 GE SFP28 Passive Direct Attach Cable FN-CABLE-QSFP28-4SFP28-3 100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m 100 GE QSFP28 Breakout to 4× 25 GE SFP28 Passive FN-CABLE-QSFP28-4SFP28-3 100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m 100 GE QSFP28 Breakout to 4× 25 GE SFP28 Passive FN-CABLE-QSFP28-4SFP28-5 100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 5m	25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-SFP28-3	25 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots.
Direct Attach Cable 100 GE QSFP28 Breakout to 4×25 GE SFP28 Passive Direct Attach Cable FN-CABLE-QSFP28-4SFP28-3 100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 3m 100 GE QSFP28 Breakout to 4×25 GE SFP28 Passive FN-CABLE-QSFP28-4SFP28-5 100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 5m	25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-SFP28-5	25 GE SFP28 passive direct attach cable 5m for systems with SFP28 slots.
Direct Attach Cable 100 GE QSFP28 Breakout to 4× 25 GE SFP28 Passive FN-CABLE-QSFP28-4SFP28-5 100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 5m		FN-CABLE-QSFP28-4SFP28-1	100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 1m
		FN-CABLE-QSFP28-4SFP28-3	100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 3m
		FN-CABLE-QSFP28-4SFP28-5	100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 5m



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