Overview

HPE PS1810 Switch Series

Models

HP PS1810-8G Switch	J9833A
HP PS1810-24G Switch	J9834A

Key features

- Switch design that works seamlessly with HPE ProLiant Gen8 servers
- 8-port switch allows for physical stacking on HPE ProLiant MicroServer Gen8 platform
- Built-in HPE ProLiant Server Management dashboard
- Fanless design for quiet operation
- Limited Lifetime warranty

Product overview

The HPE PS1810 Switch Series consists of smart-managed, fixed-configuration Gigabit Ethernet Layer 2 switches that are purpose built to work with HPE ProLiant Gen8 servers. The series switches are designed for small businesses looking for an integrated, easy-to-administer switch that complements the HPE ProLiant Gen8 server solution.

The series includes 8- and 24-port models. The 8-port model has an innovative design that allows it to be physically stacked on top of the HPE ProLiant MicroServer Gen8 platform. This switch can be powered by an upstream Power over Ethernet (PoE) switch for deployments where no line power is available. The 24-port model ships with a rackmount kit for rack deployments and includes SFP ports for fiber uplink connectivity. Both models have a fanless design, making them ideal for office deployments. Both models support additional flexible mounting options, including wallmount and under-table mounting.

The HPE PS1810 Switch Series has a built-in ability to autodiscover and monitor HPE ProLiant Gen8 servers. Monitored ProLiant Gen8 servers report real-time health status to the switch via the Hewlett Packard Enterprise Integrated Lights-Out (iLO) interface, enabling an integrated single pane-of-glass view for switch and server maintenance. Layer 2 switching features include VLANs, Spanning Tree, and link aggregation trunking. The latest energy-saving capabilities like Energy Efficient Ethernet (EEE) and idle-port power down are also supported on this series. The PS1810 switch models come with a limited lifetime warranty

Features and benefits

Management

- **HPE Proliant Server Dashboard**
  enables autodiscovery of HPE ProLiant Gen8 servers in the network; provides up-to-date server health status for up to ten monitored servers
- **Simple web management**
  allows easy management of device by even nontechnical users with its intuitive Web GUI
- **Secure web GUI**
  provides a secure, easy-to-use graphical interface for configuring the module via HTTPS
- **SNMPv1, v2c**
  enables devices to be discovered and monitored from an SNMP management station
- **Dual flash images**
  provides independent primary and secondary operating system files for backup while upgrading
- **Port mirroring**
  enables traffic on a port to be simultaneously sent to a network analyzer for monitoring

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- **IEEE 802.1AB Link Layer Discovery Protocol (LLDP)**
  advertises and receives management information from adjacent devices on a network, facilitating easy mapping by network management applications

Connectivity

- **Auto-MDI/MDIX**
  adjusts automatically for straight-through or crossover cables on all ports
- **Packet storm protection**
  protects against broadcast, multicast, or unicast storms with user-defined thresholds
- **IEEE 802.3af PoE-powered device option**
  obtains power provided by a standard PoE device connected to Port 1; deploy the switch wherever an Ethernet cable can reach as a power outlet is not needed (8-port model only)
- **SFP ports for fiber connectivity**
  provides fiber connections for uplinks and other connections across longer distances than what copper cabling can support; "true" SFP ports operate in addition to available copper Ethernet ports providing a higher total numer of available ports (24-port model only)

Layer 2 switching

- **VLAN support and tagging**
  supports up to 64 port-based VLANs and dynamic configuration of IEEE 802.1Q VLAN tagging, providing security between workgroups
- **Jumbo packet support**
  improves the performance of large data transfers; supports frame size of up to 9220-bytes

Resiliency and high availability

- **IEEE 802.1D Spanning Tree Protocol (STP) and IEEE 802.1W Rapid Spanning Tree Protocol**
  provides redundant links while preventing network loops
- **Link Aggregation (trunking or bonding)**
  groups ports together automatically using Link Aggregation Control Protocol (LACP) or manually, to form an ultra-high-bandwidth connection to the server or network backbone; bonds together two NIC ports on the ProLiant MicroServer doubling the speed of services to the server

Security

- **Secure Sockets Layer (SSL)**
  encrypts all HTTP traffic, allowing secure access to the browser-based management GUI in the switch
- **Automatic denial-of-service protection**
  monitors six types of malicious attacks and protects the network by blocking the attacks
- **Management password**
  provides security so that only authorized access to the Web browser interface is allowed

Ease of use

- **Locator LED (switch)**
  allows users to set the locator LED on a specific switch to either turn on, blink, or turn off; simplifies troubleshooting by making it easy to locate a particular switch within a rack of similar switches
- **Comprehensive LED display with per-port indicators**

Overview

provides an at-a-glance view of status, activity, speed, and full-duplex operation

Flexibility

- **Flexible mounting options**
  switches stack physically on top of an HPE ProLiant MicroServer Gen8 platform due to their unique design (the 8-port model); the 24-port model ships with a rackmount kit; both switches support desktop, wallmount, and under-table mounting options
- **Rack mountable (24-port models)**
  offers a rack-mounting option with included hardware
- **Kensington lock slot**
  allows switches to be physically secured in open-space deployments

Additional information

- **Energy savings**
  utilizes Energy Efficient Ethernet (EEE) IEEE 802.3az standard for lower power consumption
- **Green IT and power**
  places inactive ports automatically in low power mode and its LED in power-down mode to conserve energy
- **Green initiative support**
  provides support for RoHS and WEEE regulations

Quality of Service (QoS)

- **Traffic prioritization (IEEE 802.1p)**
  allows real-time traffic classification with eight priority levels mapped to four queues
- **IEEE 802.1p prioritization with Differentiated Services Code Point (DSCP)**
  delivers data to devices based on the priority and type of traffic using DSCP
- **Broadcast control**
  allows limitation of broadcast traffic rate to cut down on unwanted network broadcast traffic

Warranty and support

- **Limited Lifetime Warranty v2.0**
  See **http://www.hpe.com/networking/warrantysummary** for warranty and support information included with your product purchase.

Configuration

Build To Order: BTO is a standalone unit with no integration. BTO products ship standalone are not part of a CTO or Rack-Shippable solution.

HP PS1810-8G Switch   J9833A
- 8 RJ-45 autosensing 10/100/1000 ports   See Configuration
- 1U - Height   **NOTE:**2

HP PS1810-8G Switch   J9833A#B01
- 8 RJ-45 autosensing 10/100/1000 ports   See Configuration
- 1U - Height   **NOTE:**2, 3

No Power Cord   J9833A#AC3
- No Localized Power Cord Selected

HP PS1810-24G Switch   J9834A
- 24 RJ-45 autosensing 10/100/1000 ports   See Configuration
- 2 SFP 100/1000 ports   **NOTE:**1, 2
- 1U - Height

HP PS1810-24G Switch   J9834A#B01
- 24 RJ-45 autosensing 10/100/1000 ports   See Configuration
- 2 SFP 100/1000 ports   **NOTE:**1, 2, 3
- 1U - Height

No Power Cord   J9834A#AC3
- No Localized Power Cord Selected

Configuration Rules

Note 1   **The following Transceivers install into this switch:**
HPE X121 1G SFP LC SX Transceiver   J4858C
HPE X121 1G SFP LC LX Transceiver   J4859C
HPE X111 100M SFP LC FX Transceiver   J9054C
HPE X121 1G SFP RJ45 T Transceiver   J8177C

Note 2   **Localization required. (See Localization Menu for list.)**

Note 3   **This is a Ship-Along with specific ISS Servers only. See ISS Menu for further details.**

Transceivers

Configuration

SFP Transceivers

HPE X121 1G SFP LC SX Transceiver   J4858C
HPE X121 1G SFP LC LX Transceiver   J4859C
HPE X111 100M SFP LC FX Transceiver   J9054C
HPE X121 1G SFP RJ45 T Transceiver   J8177C

Cables

Multi-Mode Cables

HPE LC to LC Multi-mode OM3 2-Fiber 0.5m 1-Pack Fiber Optic Cable   AJ833A
HPE LC to LC Multi-mode OM3 2-Fiber 1.0m 1-Pack Fiber Optic Cable   AJ834A
HPE LC to LC Multi-mode OM3 2-Fiber 2.0m 1-Pack Fiber Optic Cable   AJ835A
HPE LC to LC Multi-mode OM3 2-Fiber 5.0m 1-Pack Fiber Optic Cable   AJ836A
HPE LC to LC Multi-mode OM3 2-Fiber 15.0m 1-Pack Fiber Optic Cable   AJ837A
HPE LC to LC Multi-mode OM3 2-Fiber 30.0m 1-Pack Fiber Optic Cable   AJ838A
HPE LC to LC Multi-mode OM3 2-Fiber 50.0m 1-Pack Fiber Optic Cable   AJ839A
HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 1m Cable   QK732A
HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 2m Cable   QK733A
HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 5m Cable   QK734A
HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 15m Cable   QK735A
HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 30m Cable   QK736A
HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 50m Cable   QK737A

Technical Specifications

HP PS1810-8G Switch (J9833A)

Ports		8 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only
Physical characteristics	**Dimensions**	9.06(w) x 4.65(d) x 1.73(h) in (23 x 24.5 x 4.39 cm) (1U height)
	Weight	2.71 lb (1.23 kg)
Memory and processor		128 MB RAM, 8 MB flash; packet buffer size: 512 KB
Mounting		Mounts on HPE Proliant MicroServer Gen8, desktop, wall and under table mounting
Performance	**100 Mb Latency**	< 3.3 µs (64-byte packets)
	1000 Mb Latency	< 2.3 µs (64-byte packets)
	Throughput	up to 11.9 million pps
	Switching capacity	16 Gbps
	MAC address table size	8000 entries
Environment	**Operating temperature**	32°F to 104°F (0°C to 40°C)
	Operating relative humidity	15% to 95% @ 104°F (40°C)
	Nonoperating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
	Nonoperating/Storage relative humidity	15% to 95% @ 140°F (60°C)
	Altitude	up to 10,000 ft (3 km)
	Acoustic	Power: 0 dB no fan
Electrical characteristics	**Frequency**	50/60 Hz
	Voltage	100 - 240 VAC, rated
	Current	.5 A
	Maximum power rating	7.2 W
	Notes	Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated.
Safety		UL 60950-1; IEC 60950; EN 60950
Emissions		EN 55022 Class A; CISPR 22 Class A; VCCI V-3; FCC (CFR 47, Part 15) Subpart B Class A; VCCI V-4
Immunity	**ESD**	EN 61000-4-2
	Radiated	EN 61000-4-3
	EFT/Burst	EN 61000-4-4
	Surge	EN 61000-4-5
	Conducted	EN 61000-4-6
	Power frequency magnetic field	IEC 61000-4-8
	Voltage dips and	EN 61000-4-11

Technical Specifications

	interruptions	
	Harmonics	EN 61000-3-2
	Flicker	EN 61000-3-3
Management	IMC - Intelligent Management Center; Web browser; HTTPS	
Notes	Use only supported genuine HPE SFPs with your switch. Link aggregation support: 4 trunks of 4 links each	
Services	Refer to the Hewlett Packard Enterprise website at **http://www.hpe.com/networking/services** for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	

HP PS1810-24G Switch (J9834A)

Ports	24 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only	
	2 SFP 100/1000 Mbps ports	
	Supports a maximum of 24 autosensing 10/100/1000 ports plus 2 SFP ports, or a combination	
Physical characteristics	**Dimensions**	12.99(w) x 6.81(d) x 1.73(h) in (32.99 x 17.3 x 4.39 cm) (1U height)
	Weight	2.2 lb (1.15 kg)
Memory and processor	128 MB RAM, 8 MB flash; packet buffer size: 512 KB	
Mounting	Mounts in an EIA-standard 19 in. telco rack (hardware included); horizontal surface, wall, and under-table mounting	
Performance	**100 Mb Latency**	< 3.4 µs (64-byte packets)
	1000 Mb Latency	< 2.2 µs (64-byte packets)
	Throughput	up to 38.7 million pps
	Switching capacity	16 Gbps
	MAC address table size	8000 entries
Environment	**Operating temperature**	32°F to 104°F (0°C to 40°C)
	Operating relative humidity	15% to 95% @ 104°F (40°C)
	Nonoperating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
	Nonoperating/Storage relative humidity	15% to 95% @ 140°F (60°C)
	Altitude	up to 10,000 ft (3 km)
	Acoustic	Power: 0 dB no fan
Electrical characteristics	**Frequency**	50/60 Hz
	Voltage	100 - 127 / 200 - 240 VAC, rated
	Current	.4/.3 A
	Maximum power rating	22 W
	Notes	Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated.
Safety	UL 60950-1; IEC 60950; EN 60950	
Emissions	EN 55022 Class A; CISPR 22 Class A; VCCI V-3; FCC (CFR 47, Part 15) Subpart B Class A; VCCI V-4	

Technical Specifications

Immunity	ESD	EN 61000-4-2
	Radiated	EN 61000-4-3
	EFT/Burst	EN 61000-4-4
	Surge	EN 61000-4-5
	Conducted	EN 61000-4-6
	Power frequency magnetic field	IEC 61000-4-8
	Voltage dips and interruptions	EN 61000-4-11
	Harmonics	EN 61000-3-2
	Flicker	EN 61000-3-3

Management   IMC - Intelligent Management Center; Web browser; HTTPS

Notes   Use only supported genuine HPE SFPs with your switch.
Link aggregation support: 4 trunks of 4 links each

Services   Refer to the Hewlett Packard Enterprise website at **http://www.hpe.com/networking/services** for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.

Standards and protocols
(applies to all products in series)

Denial of service protection
CPU DoS Protection

General protocols
IEEE 802.1p Priority
IEEE 802.1Q VLANs
IEEE 802.1W Rapid Spanning Tree Protocol
IEEE 802.3ad Link Aggregation Control Protocol (LACP)

IEEE 802.3az Energy Efficient Ethernet
IEEE 802.3x Flow Control
RFC 1534 DHCP/BOOTP Interoperation
RFC 2030 Simple Network Time Protocol (SNTP) v4

Network management
IEEE 802.1AB Link Layer Discovery Protocol (LLDP)

Accessories

HPE PS1810 Switch Series accessories

HP PS1810-24G Switch (J9834A)
HPE LC to LC Multi-mode OM3 2-Fiber 2.0m 1-Pack Fiber Optic Cable   AJ835A
HPE LC to LC Multi-mode OM3 2-Fiber 5.0m 1-Pack Fiber Optic Cable   AJ836A
HPE LC to LC Multi-mode OM3 2-Fiber 15.0m 1-Pack Fiber Optic Cable   AJ837A
HPE LC to LC Multi-mode OM3 2-Fiber 30.0m 1-Pack Fiber Optic Cable   AJ838A
HPE LC to LC Multi-mode OM3 2-Fiber 50.0m 1-Pack Fiber Optic Cable   AJ839A

Accessory Product Details

HPE LC to LC Multi-mode OM3 2-Fiber 2.0m 1-Pack Fiber Optic Cable (AJ835A)	**Cabling**	**Cable type**: 50/125 μm (core/cladding) diameter, mulitimode fiber optic, with effective modal bandwidth of 2000 MHz/km as detailed in TIA-492AAAC for distances of up to 300 m;

Maximum distance:
10Gbps Transfer Rate (Ethernet): 300m

Notes

Cable Specs: Tight buffered duplex fiber optic multimode OM3 50/125 um fiber optic cable and Ethernet assembly with LC duplex connectors on one end and LC duplex connectors on other end.

- Dimensions: Core diameter: 50 ± 3.0um Cladding diameter: 125 ± 2.0um Coating diameter: 245 ± 10um
- Optical Glass Bandwidth: For LED sources: 1500/500 MHz-km @850/1300nm.
- Optical Glass: For Laser sources: 2000/500 MHz-km @850/1300nm. VCSEL Laser sources: Shall achieve 600 / 600 meters @850/1300nm for Gigabit Ethernet compliant links.
- CABLE: The cable is duplex zipcord graded index 50/125um multimode optical fiber. The cable is designed to work in both the 850 and 1300 nm wavelength windows.
- BULK CABLE & CABLE ASSEMBLY CONFIGURATION:
- Jacket Material: Riser Grade - Low Smoke Zero Halogen thermoplastic.
- Jacket Color: Aqua for OM3 multimode per TIA 598
- Boot Color: White
- Insertion Loss: less than 0.5 dB @ 850 with LED source, 0.003 dB/M added for lengths > 30 meters.
- Maximum Cable attenuation: 3.0 dB/km @ 850 nm, 1.0 dB/Km @ 1310 nm @ 23°C as tested in accordance with EIA 455-46.
- Weight: Air Packed Weight: 1 LB Net Weight: 0.454Kg

Services

Refer to the Hewlett Packard Enterprise website at **http://www.hpe.com/networking/services** for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office

HPE LC to LC Multi-mode OM3 2-Fiber 5.0m 1-Pack Fiber Optic Cable (AJ836A)	**Cabling**	**Cable type**: 50/125 μm core/cladding) diameter, mulitimode fiber optic, with effective modal bandwidth of 2000 MHz/km as detailed in TIA-492AAAC for distances of up to 300 m;

Maximum distance:
10Gbps Transfer Rate (Ethernet): 300m

Notes

Cable Specs: This specification defines the detail requirements for a tight buffered duplex fiber optic multimode OM3 50/125 um fiber optic cable and Ethernet assembly with LC duplex connectors on one end and LC duplex connectors on other end.

- Dimensions: Core diameter: 50 ± 3.0um Cladding diameter: 125 ±

Accessory Product Details

		2.0um Coating diameter: 245 ± 10um

- Optical Glass Bandwidth: For LED sources: 1500/500 MHz-km @850/1300nm.
- Optical Glass: For Laser sources: 2000/500 MHz-km @850/1300nm. VCSEL Laser sources: Shall achieve 600 / 600 meters @850/1300nm for Gigabit Ethernet compliant links.
- CABLE: The cable is duplex zipcord graded index 50/125um multimode optical fiber. The cable is designed to work in both the 850 and 1300 nm wavelength windows.
- BULK CABLE & CABLE ASSEMBLY CONFIGURATION:
- Jacket Material: Riser Grade - Low Smoke Zero Halogen thermoplastic.
- Jacket Color: Aqua for OM3 multimode per TIA 598
- Boot Color: White
- Insertion Loss: less than 0.5 dB @ 850 with LED source, 0.003 dB/M added for lengths > 30 meters.
- Maximum Cable attenuation: 3.0 dB/km @ 850 nm, 1.0 dB/Km @ 1310 nm @ 23°C as tested in accordance with EIA 455-46.
- Weight: Air Packed Weight: 1 LB Net Weight: 0.454Kg

Services

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HPE LC to LC Multi-mode OM3 2-Fiber 15.0m 1-Pack Fiber Optic Cable (AJ837A)

Cabling

Cable type:

50/125 μm (core/cladding) diameter, mulitimode fiber optic, with effective modal bandwidth of 2000 MHz/km as detailed in TIA-492AAAC for distances of up to 300 m;

Maximum distance:

10Gbps Transfer Rate (Ethernet): 300m

Notes

Cable Specs: Tight buffered duplex fiber optic multimode OM3 50/125 um fiber optic cable and Ethernet assembly with LC duplex connectors on one end and LC duplex connectors on other end.

- Dimensions: Core diameter: 50 ± 3.0um Cladding diameter: 125 ± 2.0um Coating diameter: 245 ± 10um
- Optical Glass Bandwidth: For LED sources: 1500/500 MHz-km @850/1300nm.
- Optical Glass: For Laser sources: 2000/500 MHz-km @850/1300nm. VCSEL Laser sources: Shall achieve 600 / 600 meters @850/1300nm for Gigabit Ethernet compliant links.
- CABLE: The cable is duplex zipcord graded index 50/125um multimode optical fiber. The cable is designed to work in both the 850 and 1300 nm wavelength windows.
- BULK CABLE & CABLE ASSEMBLY CONFIGURATION:
- Jacket Material: Riser Grade - Low Smoke Zero Halogen thermoplastic.
- Jacket Color: Aqua for OM3 multimode per TIA 598
- Boot Color: White
- Insertion Loss: less than 0.5 dB @ 850 with LED source, 0.003 dB/M added for lengths > 30 meters.

Accessory Product Details

- Maximum Cable attenuation: 3.0 dB/km @ 850 nm, 1.0 dB/Km @ 1310 nm @ 23°C as tested in accordance with EIA 455-46.
- Weight: Air Packed Weight: 1 LB Net Weight: 0.454Kg

	Services	Refer to the Hewlett Packard Enterprise website at **http://www.hpe.com/networking/services** for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office
HPE LC to LC Multi-mode OM3 2-Fiber 30.0m 1-Pack Fiber Optic Cable (AJ838A)	**Cabling**	**Cable type**: 50/125 μm (core/cladding) diameter, mulitimode fiber optic, with effective modal bandwidth of 2000 MHz/km as detailed in TIA-492AAAC for distances of up to 300 m; **Maximum distance**: 10Gbps Transfer Rate (Ethernet): 300m
	Notes	Cable Specs: Tight buffered duplex fiber optic multimode OM3 50/125 um fiber optic cable and Ethernet assembly with LC duplex connectors on one end and LC duplex connectors on other end. • Dimensions: Core diameter: 50 ± 3.0um Cladding diameter: 125 ± 2.0um Coating diameter: 245 ± 10um • Optical Glass Bandwidth: For LED sources: 1500/500 MHz-km @850/1300nm. • Optical Glass: For Laser sources: 2000/500 MHz-km @850/1300nm. VCSEL Laser sources: Shall achieve 600 / 600 meters @850/1300nm for Gigabit Ethernet compliant links. • CABLE: The cable is duplex zipcord graded index 50/125um multimode optical fiber. The cable is designed to work in both the 850 and 1300 nm wavelength windows. • BULK CABLE & CABLE ASSEMBLY CONFIGURATION: • Jacket Material: Riser Grade - Low Smoke Zero Halogen thermoplastic. • Jacket Color: Aqua for OM3 multimode per TIA 598 • Boot Color: White • Insertion Loss: less than 0.5 dB @ 850 with LED source, 0.003 dB/M added for lengths > 30 meters. • Maximum Cable attenuation: 3.0 dB/km @ 850 nm, 1.0 dB/Km @ 1310 nm @ 23°C as tested in accordance with EIA 455-46. • Weight: Air Packed Weight: 1 LB Net Weight: 0.454Kg
	Services	Refer to the Hewlett Packard Enterprise website at **http://www.hpe.com/networking/services** for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office
HPE LC to LC Multi-mode OM3 2-Fiber 50.0m 1-Pack Fiber Optic Cable (AJ839A)	**Cabling**	**Cable type**: 50/125 μm (core/cladding) diameter, mulitimode fiber optic, with effective modal bandwidth of 2000 MHz/km as detailed in TIA-492AAAC for distances of up to 300 m;

Accessory Product Details

Notes	**Maximum distance**: 10Gbps Transfer Rate (Ethernet): 300m Cable Specs: Tight buffered duplex fiber optic multimode OM3 50/125 um fiber optic cable and Ethernet assembly with LC duplex connectors on one end and LC duplex connectors on other end.

- Dimensions: Core diameter: 50 ± 3.0um Cladding diameter: 125 ± 2.0um Coating diameter: 245 ± 10um
- Optical Glass Bandwidth: For LED sources: 1500/500 MHz-km @850/1300nm.
- Optical Glass: For Laser sources: 2000/500 MHz-km @850/1300nm. VCSEL Laser sources: Shall achieve 600 / 600 meters @850/1300nm for Gigabit Ethernet compliant links.
- CABLE: The cable is duplex zipcord graded index 50/125um multimode optical fiber. The cable is designed to work in both the 850 and 1300 nm wavelength windows.
- BULK CABLE & CABLE ASSEMBLY CONFIGURATION:
- Jacket Material: Riser Grade - Low Smoke Zero Halogen thermoplastic.
- Jacket Color: Aqua for OM3 multimode per TIA 598
- Boot Color: White
- Insertion Loss: less than 0.5 dB @ 850 with LED source, 0.003 dB/M added for lengths > 30 meters.
- Maximum Cable attenuation: 3.0 dB/km @ 850 nm, 1.0 dB/Km @ 1310 nm @ 23°C as tested in accordance with EIA 455-46.
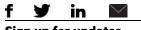- Weight: Air Packed Weight: 1 LB Net Weight: 0.454Kg

Services	Refer to the Hewlett Packard Enterprise website at **http://www.hpe.com/networking/services** for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office

Summary of Changes

Date	Version History	Action	Description of Change:
01-Aug-2016	From Version 5 to 6	Changed	Adding #AC3 Option on Configuration section
27-May-2016	From Version 4 to 5	Changed	Product description updated. Minor edits on Technical Specifications
01-Dec-2015	From Version 3 to 4	Changed	Overview and Technical Specifications updated
01-Dec-2014	From Version 2 to 3	Changed	Warranty and support updated
26-Jul-2013	From Version 1 to 2	Changed	Updated the Product overview section.

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