

Overview

HPE Multimode OM3 LC/LC Optical Cables

Models

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

Key Features

- Perfect for all datacenter, SAN, and LAN FC/10GbE
 - Maximum Bandwidth & Reach
 - Maximum Compatibility and Flexibility
 - Easy Installation
 - HPE Warranty & Support
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Product overview

The HPE Fibre Channel (FC) and 10GbE cables are tested and qualified to provide maximum performance across the entire HPE FC/10GbE switches, directors, routers, blade server switches, and SAN product families. All products are multimode, industry standard OM3 cables (2000MHz-km) and come with industry standard LC/LC connectors. Our FC/10GbE cables offer:

- Perfect for all datacenter, SAN, and LAN FC/10GbE needs
 - Maximum Bandwidth & Reach
 - Maximum Compatibility
 - Maximum Flexibility
 - Easy Installation
 - HPE Warranty & Support
-

Features and benefits

Data center protection

- **NEW High performance:** built in to the switching hardware to improve performance

Warranty and support

- **NEW 3-year warranty:** with advance replacement and next-business-day delivery (available in most countries)

Technical Specifications

**HPE LC to LC
Multi-mode OM3 2-
Fiber 0.5m 1-Pack
Fiber Optic Cable
(AJ833A)**

Cabling

Cable type:

50/125 μm (core/cladding) diameter, multimode 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 μm fiber optic cable and Ethernet assembly with LC duplex connectors on one end and LC duplex connectors on the other end.

- Dimensions: Core diameter: $50 \pm 3.0\mu\text{m}$ Cladding diameter: $125 \pm 2.0\mu\text{m}$ Coating diameter: $245 \pm 10\mu\text{m}$
- Optical glass: Bandwidth: For LED sources: 1500/500 MHz-km @850/1300nm.
- Optical glass: Bandwidth: For Laser sources: 2000/500 MHz-km @850/1300nm. VCSEL Laser sources: 600 / 600 meters @850/1300nm for Gigabit Ethernet compliant links.
- CABLE: The cable is duplex zipcord graded index 50/125 μm multimode optical fiber and 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: 0.454 kg

Services

Refer to the Hewlett Packard Enterprise website at <https://h10145.www1.hpe.com/support/SupportLookUp.aspx> 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.

Technical Specifications

**HPE LC to LC
Multi-mode OM3 2-
Fiber 1.0m 1-Pack
Fiber Optic Cable
(AJ834A)**

Cabling

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Technical Specifications

**HPE LC to LC
Multi-mode OM3 2-
Fiber 2.0m 1-Pack
Fiber Optic Cable
(AJ835A)**

Cabling

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

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Technical Specifications

**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, multimode 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): 300 m

Notes

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

- Dimensions: Core diameter: $50 \pm 3.0\mu\text{m}$ Cladding diameter: $125 \pm 2.0\mu\text{m}$ Coating diameter: $245 \pm 10\mu\text{m}$
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Technical Specifications

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

Cabling

Notes

Services

Cable type:

50/125 μm (core/cladding) diameter, multimode 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): 300 m

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

- Dimensions: Core diameter: $50 \pm 3.0\mu\text{m}$ Cladding diameter: $125 \pm 2.0\mu\text{m}$ Coating diameter: $245 \pm 10\mu\text{m}$
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Technical Specifications

**HPE LC to LC
Multi-mode OM3 2-
Fiber 30.0m 1-Pack
Fiber Optic Cable
(AJ838A)**

Cabling

Notes

Services

Cable type:

50/125 µm (core/cladding) diameter, multimode 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): 300 m

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 the 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.
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Fiber 50.0m 1-Pack
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Cabling

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Summary of Changes

Date	Version History	Action	Description of Change
24-Oct-2018	Version 2	Changed	Rebranding
22-Mar-2011	Version 1	Created	New QuickSpecs



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