QuickSpecs

Overview

HPE PremierFlex OM4 Fiber Optic Cables

Models

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

Key Features

- Perfect for all datacenter, SAN, and LAN Fibre Channel and 10GbE applications
- Significantly improved performance under bend
- Maximum bandwidth and optical performance
- Easy installation and future proof
- HPE Warranty and support

Product overview

Fiber optic cable routing can result in 90° bends, cables caught in cabinet doors and kinks. Data loss and transmission errors resulting from these common problems are difficult to troubleshoot, expensive, and increase downtime. HPE PremierFlex OM4 Fiber Optic Cables solve these problems by providing up to 10 times better bend performance than existing fiber cables.

These revolutionary cables use a new bendable fiber technology that significantly improves bend performance over existing fiber cables. This, combined with improvements in fiber clarity and bandwidth, allows HPE Premierflex cables to transmit data over longer distances, at higher rates, with fewer transmission errors.

The flexibility of these new cables also enables simple, reliable installation, enhanced performance, and better signal integrity. Additionally, HPE PremierFlex OM4 Fiber Optic Cables are tested and qualified to provide maximum performance across HPE's entire Fibre Channel and Ethernet product families.

Technical Specifications

HPE Premier Flex LC/LC Notes
Multi-mode OM4 2 fiber
1m Cable (QK732A)

Graded-index, "bendable" fiber optic multimode OM4 50/125um duplex cable and Ethernet assembly with LC/MPO duplex connectors on each end; RoHS compliant

- Core diameter: 50um ±3um
- Cladding diameter: 125um ±2um
- Bandwidth: 4700 MHz-km @ 850nm (laser)
- Jacket color: blue
- Jacket material: OFNR (optical fiber, nonconductive, riser) LSZH (low smoke zero halogen) thermoplastic
- Optical clarity-attenuation (total loss, including connectors): 0.202 db
- Minimum recommended bend radius: 2 mm

Approximate loss @ bend radius (850 nm):

- < 0.05 db @ 35.7 mm (2 turns)
- < 0.1 db @ 15 mm (2 turns)
- < 0.2 db @ 7.5 mm (2 turns)

Maximum reach (no bend):

- 125 m (14.025Gb SW)
- 380 m (10GbE)
- 190 m (8.5Gb FC)
- 400 m (4.25Gb FC)

Cable length: 1m (3.3 ft)

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.

HPE Premier Flex LC/LC Notes
Multi-mode OM4 2 fiber
2m Cable (QK733A)

Graded-index, "bendable" fiber optic multimode OM4 50/125um duplex cable and Ethernet assembly with LC/MPO duplex connectors on each end; RoHS compliant

- Core diameter: 50um ±3um
- Cladding diameter: 125um ±2um
- Bandwidth: 4700 MHz-km @ 850nm (laser)
- Jacket color: blue
- Jacket material: OFNR (optical fiber, nonconductive, riser) LSZH (low smoke zero halogen) thermoplastic
- Optical clarity-attenuation (total loss, including connectors): 0.205 db
- Minimum recommended bend radius: 2 mm

Approximate loss @ bend radius (850 nm):

Technical Specifications

- < 0.05 db @ 35.7 mm (2 turns)
- < 0.1 db @ 15 mm (2 turns)
- < 0.2 db @ 7.5 mm (2 turns)

Maximum reach (no bend):

- 125 m (14.025Gb SW)
- 380 m (10GbE)
- 190 m (8.5Gb FC)
- 400 m (4.25Gb FC)

Cable length: 2m (6.6 ft)

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.

HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 5m Cable (QK734A)

Notes — Graded-index, "bendable" fiber optic multimode OM4 50/125um duplex cable and Ethernet assembly with LC/MPO duplex connectors on each end; RoHS compliant

- Core diameter: 50um ±3um
- Cladding diameter: 125um ±2um
- Bandwidth: 4700 MHz-km @ 850nm (laser)
- Jacket color: blue
- Jacket material: OFNR (optical fiber, nonconductive, riser) LSZH (low smoke zero halogen) thermoplastic
- Optical clarity-attenuation (total loss, including connectors): 0.212 db
- Minimum recommended bend radius: 2 mm

Approximate loss @ bend radius (850 nm):

- < 0.05 db @ 35.7 mm (2 turns)
- < 0.1 db @ 15 mm (2 turns)
- < 0.2 db @ 7.5 mm (2 turns)

Maximum reach (no bend):

- 125 m (14.025Gb SW)
- 380 m (10GbE)
- 190 m (8.5Gb FC)
- 400 m (4.25Gb FC)

Cable length: 5m (16.4 ft)

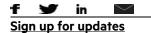|	
Services	Refer to the Hewlett Packard Enterprise website at **https://h10145.www1.hpe.com/support/SupportLookUp.aspx** for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local Hewlett Packard Enterprise sales office.

Technical Specifications

HPE Premier Flex LC/LC **Notes**
Multi-mode OM4 2 fiber
15m Cable (QK735A)

Graded-index, "bendable" fiber optic multimode OM4 50/125um duplex cable and Ethernet assembly with LC/MPO duplex connectors on each end; RoHS compliant

- Core diameter: 50um ±3um
- Cladding diameter: 125um ±2um
- Bandwidth: 4700 MHz-km @ 850nm (laser)
- Jacket color: blue
- Jacket material: OFNR (optical fiber, nonconductive, riser) LSZH (low smoke zero halogen) thermoplastic
- Optical clarity-attenuation (total loss, including connectors): 0.235 db
- Minimum recommended bend radius: 2 mm

Approximate loss @ bend radius (850 nm):

- < 0.05 db @ 35.7 mm (2 turns)
- < 0.1 db @ 15 mm (2 turns)
- < 0.2 db @ 7.5 mm (2 turns)

Maximum reach (no bend):

- 125 m (14.025Gb SW)
- 380 m (10GbE)
- 190 m (8.5Gb FC)
- 400 m (4.25Gb FC)

Cable length: 15m (49.2ft)

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.

HPE Premier Flex LC/LC **Notes**
Multi-mode OM4 2 fiber
30m Cable (QK736A)

Graded-index, "bendable" fiber optic multimode OM4 50/125um duplex cable and Ethernet assembly with LC/MPO duplex connectors on each end; RoHS compliant

- Core diameter: 50um ±3um
- Cladding diameter: 125um ±2um
- Bandwidth: 4700 MHz-km @ 850nm (laser)
- Jacket color: blue
- Jacket material: OFNR (optical fiber, nonconductive, riser) LSZH (low smoke zero halogen) thermoplastic
- Optical clarity-attenuation (total loss, including connectors): 0.269 db
- Minimum recommended bend radius: 2 mm

Approximate loss @ bend radius (850 nm):

- < 0.05 db @ 35.7 mm (2 turns)
- < 0.1 db @ 15 mm (2 turns)

Technical Specifications

- < 0.2 db @ 7.5 mm (2 turns)

Maximum reach (no bend):

- 125 m (14.025Gb SW)
- 380 m (10GbE)
- 190 m (8.5Gb FC)
- 400 m (4.25Gb FC)

Cable length: 30m (98.4ft)

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.

HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 50m Cable (QK737A)	**Notes**	Graded-index, "bendable" fiber optic multimode OM4 50/125um duplex cable and Ethernet assembly with LC/MPO duplex connectors on each end; RoHS compliant

- Core diameter: 50um ±3um
- Cladding diameter: 125um ±2um
- Bandwidth: 4700 MHz-km @ 850nm (laser)
- Jacket color: blue
- Jacket material: OFNR (optical fiber, nonconductive, riser) LSZH (low smoke zero halogen) thermoplastic
- Optical clarity-attenuation (total loss, including connectors): 0.315 db
- Minimum recommended bend radius: 2 mm

Approximate loss @ bend radius (850 nm):

- < 0.05 db @ 35.7 mm (2 turns)
- < 0.1 db @ 15 mm (2 turns)
- < 0.2 db @ 7.5 mm (2 turns)

Maximum reach (no bend):

- 125 m (14.025Gb SW)
- 380 m (10GbE)
- 190 m (8.5Gb FC)
- 400 m (4.25Gb FC)

Cable length: 50m (164.0ft)

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.

Summary of Changes

Date	Version History	Action	Description of Change
24-Oct-2018	Version 2	Changed	Rebranding
03-Jun-2013	Version 1	Created	New QuickSpecs

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