

Overview

HPE Premier Flex Cables

Models

LC/LC OM4

Description

	SKU
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

MPO/MPO OM4

HPE Premier Flex MPO/MPO Multi-mode OM4 12 Fiber 1m Cable	Q1H63A
HPE Premier Flex MPO/MPO Multi-mode OM4 12 Fiber 2m Cable	Q1H64A
HPE Premier Flex MPO/MPO Multi-mode OM4 12 Fiber 5m Cable	Q1H65A
HPE Premier Flex MPO/MPO Multi-mode OM4 12 Fiber 15m Cable	Q1H66A
HPE Premier Flex MPO/MPO Multi-mode OM4 12 Fiber 30m Cable	Q1H67A
HPE Premier Flex MPO/MPO Multi-mode OM4 12 Fiber 10m Cable	QK729A
HPE Premier Flex MPO/MPO Multi-mode OM4 8 Fiber 50m Cable	QK731A
HPE Premier Flex MPO/MPO OM4 100m Cable	H6Z30A

MPO/4xLC OM4

HPE Multi Fiber Push On to 4 x Lucent Connector 5m Cable	K2Q46A
HPE Multi Fiber Push On to 4 x Lucent Connector 15m Cable	K2Q47A
HPE Premier Flex MPO to 4xLC 30m Cbl	Q1H68A
HPE PremierFlex OM4 50m MPO to 4xLC FC Cable	Q1H69A

MPO16/MPO16 OM4

HPE Premier Flex MPO16 to MPO16 OM4 2m Cable	R4D51A
HPE Premier Flex MPO16 to MPO16 OM4 5m Cable	R4D52A
HPE Premier Flex MPO16 to MPO16 OM4 10m Cable	R4D53A
HPE Premier Flex MPO16 to MPO16 OM4 15m Cable	R4D54A
HPE Premier Flex MPO16 to MPO16 OM4 30m Cable	R4D55A

MPO16/8xLC OM4

HPE Premier Flex MPO16 to 8xLC OM4 5m Cable	R4D56A
HPE Premier Flex MPO16 to 8xLC OM4 10m Cable	R4D57A
HPE Premier Flex MPO16 to 8xLC OM4 15m Cable	R4D58A
HPE Premier Flex MPO16 to 8xLC OM4 30m Cable	R4D59A

MPO12/8xLC SM

HPE MPO12 to 8xLC Single-mode 2m Fibre Channel Cable	R4D62A
HPE MPO12 to 8xLC Single-mode 5m Fibre Channel Cable	R4D63A
HPE MPO12 to 8xLC Single-mode 10m Fibre Channel Cable	R4D64A
HPE MPO12 to 8xLC Single-mode 15m Fibre Channel Cable	R4D60A
HPE MPO12 to 8xLC Single-mode 30m Fibre Channel Cable	R4D61A

Overview

MPO12/MPO12 SM

Description

	SKU
HPE Premier Flex MPO12 to MPO12 APC Single-mode 50m 1-pack Cable	R6F28A
HPE Premier Flex MPO12 to MPO12 APC Single-mode 100m 1-pack Cable	R6F29A
HPE Premier Flex MPO12 to MPO12 APC Single-mode 300m 1-pack Cable	R6F30A
HPE Premier Flex MPO12 to MPO12 APC Single-mode 500m 1-pack Cable	R6F31A

OM5 Wide Band LC/LC OM5

HPE Premier Flex Wide Band MPO OM5 8 Fibers 100m Cable	R9M62A
HPE Premier Flex Wide Band MPO OM5 8 Fibers 150m Cable	R9M63A

OM5 Wide Band MPO/MPO OM5

HPE Premier Flex Wide Band OM5 LC 2 Fibers 100m Cable	R9M64A
HPE Premier Flex Wide Band OM5 LC 2 Fibers 150m Cable	R9M65A

OM4 SN cable OM4

HPE Premier Flex SN to SN OM4 2 Fibers 1m Cable	R8U68A
HPE Premier Flex SN to SN OM4 2 Fibers 2m Cable	R8U69A
HPE Premier Flex SN to SN OM4 2 Fibers 5m Cable	R8U70A
HPE Premier Flex SN to SN OM4 2 Fibers 15m Cable	R8U71A
HPE Premier Flex SN to SN OM4 2 Fibers 30m Cable	R8U72A
HPE Premier Flex SN to LC OM4 2 Fibers 1m Cable	R8U73A
HPE Premier Flex SN to LC OM4 2 Fibers 2m Cable	R8U74A
HPE Premier Flex SN to LC OM4 2 Fibers 5m Cable	R8U75A
HPE Premier Flex SN to LC OM4 2 Fibers 15m Cable	R8U76A
HPE Premier Flex SN to LC OM4 2 Fibers 30m Cable	R8U77A

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 Multi-mode OM4 2 fiber Cable		
QK732A, 1m QK733A, 2m QK734A, 5m QK735A, 15m QK736A, 30m QK737A, 50m	Notes	Graded-index, "bendable" fiber optic multimode OM4 50/125um duplex cable assembly with LC/LC duplex connectors on each end; RoHS compliant <ul style="list-style-type: none"> • 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 insertion loss: 0.5dB max @ 850nm • Minimum recommended bend radius: 7.5 mm Approximate loss @ bend radius (850 nm): <ul style="list-style-type: none"> • < 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): <ul style="list-style-type: none"> 380 m (10GbE) 125 m (16Gb FC) 100 m (32Gb FC, 25GE) 100 m (64Gb FC) Cable length: 1m to 30m
	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 MPO/MPO Multi-mode OM4 12 fiber cable		
Q1H63A 1m Q1H64A 2m Q1H65A 5m QK729A 10m Q1H66A 15m Q1H67A 30m QK731A 50m H6Z30A 100m	Notes	Graded-index, "bendable" multimode OM4 50/125um cable assembly with MPO12 connectors on each end; RoHS compliant <ul style="list-style-type: none"> • 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 insertion loss: 0.5 dB • Minimum recommended bend radius: 7.5 mm Approximate loss @ bend radius (850 nm): <ul style="list-style-type: none"> • < 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): <ul style="list-style-type: none"> • 4x26.56Gb (PAM4) 100m • 4x28.05Gb FC 100m • 4x25.78Gb 150 m • 4x14.025Gb FC 100 m • 4x10GbE 150 m Connector type: Female, UPC Cable polarity: Type-B Cable length: 1m to 100m (3.3 ft to 330 ft)

Technical Specifications

	<p>Services Refer to the Hewlett Packard Enterprise website at https://h10145.www1.hp.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.</p>
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HPE Premier Flex MPO/4xLC Multi-mode OM4 12 fiber Cable

<p>K2Q46A 5m K2Q47A 15m Q1H68A 30m Q1H69A 50m</p>	<p>Notes Graded-index, "bendable" multimode OM4 50/125um cable assembly with MPO12 connector on one end and 4 duplex LC connectors on the other ends; RoHS compliant</p> <ul style="list-style-type: none"> ● 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 insertion loss: 0.5 dB ● Minimum recommended bend radius: 7.5 mm <p>Approximate loss @ bend radius (850 nm):</p> <ul style="list-style-type: none"> ● < 0.05 db @ 35.7 mm (2 turns) ● < 0.1 db @ 15 mm (2 turns) ● < 0.2 db @ 7.5 mm (2 turns) <p>Maximum reach (no bend):</p> <ul style="list-style-type: none"> ● 4x26.56Gb (PAM4) 100m ● 4x28.05Gb FC 100m ● 4x25.78Gb 150 m ● 4x14.025Gb FC 100 m ● 4x10GbE 150 m <p>MPO Connector type: Female, UPC LC connector: Duplex UPC Cable length: 5m to 50m (16.4 ft to 164 ft)</p>
	<p>Services Refer to the Hewlett Packard Enterprise website at https://h10145.www1.hp.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.</p>



Technical Specifications

HPE Premier Flex MPO16/MPO16 multimode OM4 16 fiber cable

R4D51A 2m R4D52A 5m R4D53A 10m R4D54A 15m R4D55A 30m	Notes	<p>Graded-index, "bendable" multimode OM4 50/125um cable assembly with MPO16 connectors on each end; RoHS compliant</p> <ul style="list-style-type: none"> • 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 insertion loss: 0.5 dB • Minimum recommended bend radius: 7.5 mm <p>Approximate loss @ bend radius (850 nm):</p> <ul style="list-style-type: none"> • < 0.05 db @ 35.7 mm (2 turns) • < 0.1 db @ 15 mm (2 turns) • < 0.2 db @ 7.5 mm (2 turns) <p>Maximum reach (no bend):</p> <ul style="list-style-type: none"> • 8x26.56Gb (PAM4) 100m • 8x25.78Gb (NRZ) 100m <p>MPO Connector type: Angled, Female, UPC Cable polarity: Type-B Cable length: 2m to 30m (6.6 ft to 98 ft)</p>
	Services	Refer to the Hewlett Packard Enterprise website at https://h10145.www1.hp.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 MPO16/8xLC multimode OM4 16 fiber cable

R4D56A 5m R4D57A 10m R4D58A 15m R4D59A 30m	Notes	<p>Graded-index, "bendable" multimode OM4 50/125um cable assembly with MPO16 angled connector on one end and 8 duplex LC connectors on the other ends; RoHS compliant</p> <ul style="list-style-type: none"> • 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 insertion loss: 0.5 dB • Minimum recommended bend radius: 7.5 mm <p>Approximate loss @ bend radius (850 nm):</p> <ul style="list-style-type: none"> • < 0.05 db @ 35.7 mm (2 turns) • < 0.1 db @ 15 mm (2 turns) • < 0.2 db @ 7.5 mm (2 turns) <p>Maximum reach (no bend):</p> <ul style="list-style-type: none"> • 8x26.56Gb (PAM4) 100m • 8x25.78Gb (NRZ) 100m <p>MPO Connector type: Angled, Female, UPC LC connector: Duplex UPC Cable length: 5m to 30m (16.4 ft to 98 ft)</p>
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Technical Specifications

	Services	Refer to the Hewlett Packard Enterprise website at https://h10145.www1.hp.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.
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HPE Premier Flex MPO12/MPO12 APC Single-mode 12 Cable

R6F28A 50m R6F29A 100m R6F30A 300m R6F31A 500m	Notes	<p>Single-mode 9/125um cable assembly with MPO12 angled connectors on each end; RoHS compliant</p> <ul style="list-style-type: none"> • Core diameter: 9um • Cladding diameter: 125um • Jacket color: Yellow • Jacket material: OFNR (optical fiber, nonconductive, riser) LSZH (low smoke zero halogen) thermoplastic • Optical attenuation: 0.4 dB/km (1310nm) • Minimum recommended bend radius: 30 mm <p>Approximate loss @ bend radius (1310nm):</p> <ul style="list-style-type: none"> • < 0.1 db @ 30 mm (100 turns) <p>Maximum reach (no bend):</p> <ul style="list-style-type: none"> • 100G PSM4 500m • 400G DR4 500m <p>MPO Connector type: Angled physical contact connectors (APC) Connector color: Green Cable polarity: Type-B Cable length: 50m to 500m (164 ft to 1640 ft)</p>
	Services	Refer to the Hewlett Packard Enterprise website at https://h10145.www1.hp.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 MPO12/4LC Single-mode 12 Cable

R4D62A 2m R4D63A 5m R4D64A 10m R4D60A 15m R4D61A 30m	Notes	<p>Single-mode 9/125um cable assembly with MPO12 angled connector on one end and 4 duplex LC connectors on the other ends. RoHS compliant</p> <ul style="list-style-type: none"> • Core diameter: 9um • Cladding diameter: 125um • Jacket color: Yellow • Jacket material: OFNR (optical fiber, nonconductive, riser) LSZH (low smoke zero halogen) thermoplastic • Optical attenuation: 0.4 dB/km (1310nm) • Minimum recommended bend radius: 30 mm <p>Approximate loss @ bend radius (1310nm):</p> <ul style="list-style-type: none"> • < 0.1 db @ 30 mm (100 turns) <p>Maximum reach (no bend):</p> <ul style="list-style-type: none"> • 100G PSM4 500m • 400G DR4 500m <p>MPO Connector: Angled physical contact connectors (APC) UPC</p> <ul style="list-style-type: none"> • MPO Connector color: Green <p>LC connector: Duplex flat UPC, blue Cable length: 2m to 30m (6.6 ft to 98 ft)</p>
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Technical Specifications

	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.
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HPE Premier Flex Wide Band MPO OM5 8 Fibers Cable

R9M62A 100m R9M63A 150m	Notes	<p>Graded-index "bendable" multimode fiber optic OM5 50/125um with MPO connectors on each end; RoHS compliant</p> <ul style="list-style-type: none"> • Core diameter: 50um ±3um • Cladding diameter: 125um ±2um • Bandwidth: 4700 MHz-km @ 850nm (laser) 2470 MHz-km @ 953nm (laser) • Jacket color: Lime green • Jacket material: OFNR (optical fiber, nonconductive, riser) LSZH (low smoke zero halogen) thermoplastic • Optical connectors insertion loss: 0.5 db • Minimum recommended bend radius: 7.5 mm • Approximate loss @ bend radius (850 nm): <ul style="list-style-type: none"> < 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): <ul style="list-style-type: none"> 440 m (40GE Bidi) 150 m (100GbE Bidi) 150 m (400GbE SR4.2 Bidi) * Same as OM4 if the transceivers are not SWDM or Bidi • Cable length: 100m and 150m (328ft, 492ft)
	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 Wide Band OM5 LC 2 Fibers Cable

<p>R9M64A 100m R9m65A 150m</p>	<p>Notes</p>	<p>Graded-index "bendable" multimode fiber optic OM5 50/125um with duplex LC connectors on each end; RoHS compliant</p> <ul style="list-style-type: none"> • Core diameter: 50um ±3um • Cladding diameter: 125um ±2um • Bandwidth: 4700 MHz-km @ 850nm (laser) 2470 MHz-km @ 953nm (laser) • Jacket color: Lime green • Jacket material: OFNR (optical fiber, nonconductive, riser) LSZH (low smoke zero halogen) thermoplastic • Optical connectors insertion loss: 0.5 db • Minimum recommended bend radius: 7.5 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): 440 m (40GE SWDM) 150 m (100GbE SWDM) 150 m (400GbE SWDM) * Same as OM4 if the transceivers are not SWDM or Bidi • Cable length: 100m and 150m (328ft, 492ft)
	<p>Services</p>	<p>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.</p>

HPE Premier Flex SN/SN OM4 2Fb Cbl

<p>R8U68A, 1m R8U69A, 2m R8U70A, 5m R8U71A, 15m R8U72A, 30m</p>	<p>Notes</p>	<p>Graded-index "bendable" multimode fiber optic OM4 50/125um with duplex SN connectors on each end; RoHS compliant</p> <ul style="list-style-type: none"> • Core diameter: 50um ±3um • Cladding diameter: 125um ±2um • Bandwidth: 4700 MHz-km @ 850nm (laser) 2470 MHz-km @ 953nm (laser) • Jacket color: Blue • Jacket material: OFNR (optical fiber, nonconductive, riser) LSZH (low smoke zero halogen) thermoplastic • Optical connectors insertion loss: 0.5 db • Minimum recommended bend radius: 7.5 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): 380 m (10GbE) 125 m (16Gb FC) 100 m (32Gb FC) 100 m (64Gb FC) • Cable length: 1m to 30m
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Technical Specifications

	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 SN/LC OM4 2Fb Cbl

R8U73A R8U74A R8U75A R8U76A R8U77A	Notes	<p>Graded-index "bendable" multimode fiber optic OM4 50/125um with duplex SN connectors and LC duplex connector on each end; RoHS compliant</p> <ul style="list-style-type: none"> • Core diameter: 50um ±3um • Cladding diameter: 125um ±2um • Bandwidth: 4700 MHz-km @ 850nm (laser) 2470 MHz-km @ 953nm (laser) • Jacket color: Blue • Jacket material: OFNR (optical fiber, nonconductive, riser) LSZH (low smoke zero halogen) thermoplastic • Optical connectors insertion loss: 0.5 db • Minimum recommended bend radius: 7.5 mm • Approximate loss @ bend radius (850 nm): <ul style="list-style-type: none"> < 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): <ul style="list-style-type: none"> 380 m (10GbE) 125 m (16Gb FC) 100 m (32Gb FC) 100 m (64Gb FC) • Cable length: 1m to 30m
	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
03-Oct-2022	Version 5	Changed	QS Name was updated
05-Jul-2022	Version 4	Changed	Overview and Technical Specifications sections were updated.
07-Feb-2022	Version 3	Changed	Overview and Technical Specifications sections were updated.
24-Oct-2018	Version 2	Changed	Rebranding
03-Jun-2013	Version 1	Created	New QuickSpecs



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