

HPE Premier Flex Cables

QuickSpecs

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 Premier Flex OM4 fiber optic cables solve these problems by providing up to 10 times better bend performance than existing fiber 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

Description	SKU
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 1m Fiber Cable	Q1H63A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 2m Fiber Cable	Q1H64A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 5m Fiber Cable	Q1H65A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 15m Fiber Cable	Q1H66A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 30m Fiber Cable	Q1H67A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 10m Fiber Cable	QK729A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 50m Fiber Cable	QK731A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 100m Fiber Cable	H6Z30A

MPO/4xLC OM4

Description	SKU
HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 5m Fiber Cable	K2Q46A
HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 15m Fiber Cable	K2Q47A
HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 30m Fiber Cable	Q1H68A
HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 50m Fiber Cable	Q1H69A

MPO16/MPO16 OM4

Description	SKU
HPE Premier Flex MPO16/MPO16 APC Multi-mode OM4 2m Fiber Cable	R4D51A
HPE Premier Flex MPO16/MPO16 APC Multi-mode OM4 5m Fiber Cable	R4D52A

HPE Premier Flex MPO16/MPO16 APC Multi-mode OM4 10m Fiber Cable	R4D53A
HPE Premier Flex MPO16/MPO16 APC Multi-mode OM4 15m Fiber Cable	R4D54A
HPE Premier Flex MPO16/MPO16 APC Multi-mode OM4 30m Fiber Cable	R4D55A
MPO16/8xLC OM4	
Description	SKU
HPE Premier Flex MPO16 APC to 8xLC Multi-mode OM4 5m Fiber Cable	R4D56A
HPE Premier Flex MPO16 APC to 8xLC Multi-mode OM4 10m Fiber Cable	R4D57A
HPE Premier Flex MPO16 APC to 8xLC Multi-mode OM4 15m Fiber Cable	R4D58A
HPE Premier Flex MPO16 APC to 8xLC Multi-mode OM4 30m Fiber Cable	R4D59A
MPO12/8xLC SM	
Description	SKU
HPE Premier Flex MPO8 APC to 4xLC Single-mode 2m Fiber Cable	R4D62A
HPE Premier Flex MPO8 APC to 4xLC Single-mode 5m Fiber Cable	R4D63A
HPE Premier Flex MPO8 APC to 4xLC Single-mode 10m Fiber Cable	R4D64A
HPE Premier Flex MPO8 APC to 4xLC Single-mode 15m Fiber Cable	R4D60A
HPE Premier Flex MPO8 APC to 4xLC Single-mode 30m Fiber Cable	R4D61A
MPO12/MPO12 SM	
Description	SKU
HPE Premier Flex MPO12/MPO12 APC Single-mode 50m Fiber Cable	R6F28A
HPE Premier Flex MPO12/MPO12 APC Single-mode 100m Fiber Cable	R6F29A
HPE Premier Flex MPO12/MPO12 APC Single-mode 300m Fiber Cable	R6F30A
HPE Premier Flex MPO12/MPO12 APC Single-mode 500m Fiber Cable	R6F31A
OM5 Wide Band LC/LC OM5	
Description	SKU
HPE Premier Flex Wide Band MPO8/MPO8 Multi-mode OM5 100m Fiber Cable	R9M62A
HPE Premier Flex Wide Band MPO8/MPO8 Multi-mode OM5 150m Fiber Cable	R9M63A
OM5 Wide Band MPO/MPO OM5	
Description	SKU
HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable	R9M64A
HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable	R9M65A
OM4 SN cable OM4	
Description	SKU
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 data center, 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 Premier Flex 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 Premier Flex 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 Premier Flex 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, 1 m QK733A, 2 m QK734A, 5 m QK735A, 15 m QK736A, 30 m QK737A, 50 m	Notes	Graded-index, "bendable" fiber optic multimode OM4 50/125um duplex cable assembly with LC/LC duplex connectors on each end; RoHS compliant. – Core diameter: 50um ± 3um – Cladding diameter: 125um ± 2um – Bandwidth: 4700 MHz-km @ 850 nm (laser) – Jacket color: blue – Jacket material: OFNR (optical fiber, nonconductive, riser) LSZH (low smoke zero halogen) thermoplastic – Optical insertion loss: 0.5 dB max @ 850 nm – 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 (10 GbE) – 125 m (16 Gb FC) – 100 m (32 Gb FC, 25GE) – 100 m (64 Gb FC)
		Cable length: 1 m to 30 m.
	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 1 m Q1H64A 2 m Q1H65A 5 m QK729A 10 m Q1H66A 15 m Q1H67A 30 m QK731A 50 m H6Z30A 100 m	Notes	Graded-index, "bendable" multimode OM4 50/125um cable assembly with MPO12 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 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): – 4x26.56 Gb (PAM4) - 100 m – 4x28.05 Gb FC - 100 m – 4x25.78 Gb - 150 m – 4x14.025 Gb FC - 100 m – 4x10GbE - 150 m
	Connector type: Female, UPC.
	Cable polarity: Type-B.
	Cable length: 1 m to 100 m (3.3 ft to 330 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 MPO/4xLC Multi-mode OM4 12 fiber Cable

K2Q46A 5 m K2Q47A 15 m Q1H68A 30 m Q1H69A 50 m	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. – 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): – < 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): – 4x26.56 Gb (PAM4) - 100 m – 4x28.05 Gb FC - 100 m – 4x25.78 Gb - 150 m – 4x14.025 Gb FC - 100 m – 4x10 GbE - 150 m
		MPO Connector type: Female, UPC.
		LC connector: Duplex UPC.
		Cable length: 5 m to 50 m (16.4 ft to 164 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 MPO16/MPO16 multimode OM4 16 fiber cable

R4D51A 2 m R4D52A 5 m R4D53A 10 m R4D54A 15 m R4D55A 30 m	Notes	Graded-index, "bendable" multimode OM4 50/125um cable assembly with MPO16 connectors on each end; RoHS compliant. – Core diameter: 50um $\pm$ 3um – Cladding diameter: 125um $\pm$ 2um – Bandwidth: 4700 MHz-km @ 850 nm (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): – < 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): – 8x26.56 Gb (PAM4) - 100 m – 8x25.78 Gb (NRZ) - 100 m
		MPO Connector type: Angled, Female, UPC.
		Cable polarity: Type-B .
		Cable length: 2 m to 30 m (6.6 ft to 98 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 MPO16/8xLC multimode OM4 16 fiber cable

R4D56A 5 m R4D57A 10 m R4D58A 15 m R4D59A 30 m	Notes	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. – Core diameter: 50um $\pm$ 3um – Cladding diameter: 125um $\pm$ 2um – Bandwidth: 4700 MHz-km @ 850 nm (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): – < 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): – 8x26.56 Gb (PAM4) - 100 m – 8x25.78 Gb (NRZ) - 100 m

		MPO Connector type: Angled, Female, UPC.
		LC connector: Duplex UPC.
		Cable length: 5m to 30 m (16.4 ft to 98 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 MPO12/MPO12 APC Single-mode 12 Cable

R6F28A 50 m R6F29A 100 m R6F30A 300 m R6F31A 500 m	Notes	Single-mode 9/125um cable assembly with MPO12 angled connectors on each end; RoHS compliant. – 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 (1310 nm) – Minimum recommended bend radius: 30 mm
		Approximate loss @ bend radius (1310 nm): – < 0.1 db @ 30 mm (100 turns)
		Maximum reach (no bend): – 100 G PSM4 - 500 m – 400 G DR4 - 500 m
		MPO Connector type: Angled physical contact connectors (APC).
		Connector color: Green.
		Cable polarity: Type-B.
		Cable length: 50 m to 500 m (164 ft to 1640 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 MPO12/4LC Single-mode 12 Cable

R4D62A 2 m R4D63A 5 m R4D64A 10 m R4D60A 15 m R4D61A 30 m	Notes	Single-mode 9/125um cable assembly with MPO12 angled connector on one end and 4 duplex LC connectors on the other ends. RoHS compliant – 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 (1310 nm) – Minimum recommended bend radius: 30 mm
		Approximate loss @ bend radius (1310 nm): – < 0.1 db @ 30 mm (100 turns)

		Maximum reach (no bend): – 100 G PSM4 - 500 m – 400 G DR4 - 500 m
		MPO Connector: Angled physical contact connectors (APC) UPC – MPO Connector color: Green
		LC connector: Duplex flat UPC, blue.
		Cable length: 2 m to 30 m (6.6 ft to 98 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 Wide Band MPO OM5 8 Fibers Cable

R9M62A 100 m R9M63A 150 m	Notes	Graded-index "bendable" multimode fiber optic OM5 50/125um with MPO connectors on each end; RoHS compliant – Core diameter: 50um ± 3um – Cladding diameter: 125um ± 2um – Bandwidth: ○ 4700 MHz-km @ 850 nm (laser) ○ 2470 MHz-km @ 953 nm (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 (40 GE Bidi) – 150 m (100 GbE Bidi) – 150 m (400 GbE SR4.2 Bidi) Notes: Same as OM4 if the transceivers are not SWDM or Bidi Cable length: 100 m and 150 m (328 ft, 492 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 Wide Band OM5 LC 2 Fibers Cable

R9M64A 100 m R9m65A 150 m	Notes	Graded-index "bendable" multimode fiber optic OM5 50/125um with duplex LC connectors on each end; RoHS compliant – Core diameter: 50um ± 3um – Cladding diameter: 125um ± 2um – Bandwidth:
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		○ 4700 MHz-km @ 850 nm (laser) ○ 2470 MHz-km @ 953 nm (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 (40 GE SWDM) – 150 m (100 GbE SWDM) – 150 m (400 GbE SWDM) Notes: Same as OM4 if the transceivers are not SWDM or Bidi
		Cable length: 100 m and 150 m (328 ft, 492 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 SN/SN OM4 2Fb Cbl

R8U68A, 1 m R8U69A, 2 m R8U70A, 5 m R8U71A, 15 m R8U72A, 30 m	Notes	Graded-index "bendable" multimode fiber optic OM4 50/125um with duplex SN connectors on each end; RoHS compliant – Core diameter: 50um ± 3um – Cladding diameter: 125um ± 2um – Bandwidth: ○ 4700 MHz-km @ 850 nm (laser) ○ 2470 MHz-km @ 953 nm (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 (10 GbE) – 125 m (16 Gb FC) – 100 m (32 Gb FC) – 100 m (64 Gb FC)
		Cable length: 1 m to 30 m.
	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	Graded-index "bendable" multimode fiber optic OM4 50/125um with duplex SN connectors and LC duplex connector on each end; RoHS compliant. – Core diameter: 50um ± 3um – Cladding diameter: 125um ± 2um – Bandwidth: ○ 4700 MHz-km @ 850 nm (laser) ○ 2470 MHz-km @ 953 nm (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 (10 GbE) – 125 m (16 Gb FC) – 100 m (32 Gb FC) – 100 m (64 Gb FC) Cable length: 1 m to 30 m.
	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
16-Feb-2026	Version 6	Changed	HPE Rebranding applied
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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