

Overview

HPE X242 SFP+ SFP+ Direct Attach Cables

Models

HPE X242 10G SFP+ to SFP+ 1m Direct Attach Copper Cable	J9281B
HPE X242 10G SFP+ to SFP+ 3m Direct Attach Copper Cable	J9283B
HPE X242 10G SFP+ to SFP+ 7m Direct Attach Copper Cable	J9285B

Product overview

Low-price 10-Gigabit connectivity options consisting of 1, 3, 7, 10 or 15 m cables with SFP+ connectors permanently attached to each end.

Key Features

- SFF-8431 compliant
- Supports 10-GbE data rate operation
- Serial data transmission

Technical Specifications

HPE X242 10G SFP+ to SFP+ 1m Direct Attach Copper Cable (J9281B)	Connectivity	Length	3.28 ft. (1 m)
	Physical characteristics	Weight	0.24 lb (0.11 kg)
	Environment	Operating temperature	32°F to 158°F (0°C to 70°C)
		Operating relative humidity	5% to 95%, noncondensing
		Nonoperating/Storage temperature	14°F to 185°F (-10°C to 85°C)
		Nonoperating/Storage relative humidity	5% to 95%, noncondensing
		Altitude	up to 10,000 ft (3 km)
	Electrical characteristics	Notes	0.04 watts maximum per transceiver end
	Notes	Electrical Properties	
			<ul style="list-style-type: none"> • Cable Characteristic Impedance: 100 ohms • Crosstalk between pairs: 2% max • Time delay: 1.31 nsec/ft
		Physical Properties	
			<ul style="list-style-type: none"> • Cable Diameter: 0.180" • Minimum Cable Bend Radius: 1.0"
	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.
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HPE X242 10G SFP+ to SFP+ 3m Direct Attach Copper Cable (J9283B)	Connectivity	Length	10 ft. (3 m)
	Physical characteristics	Weight	0.49 lb (0.22 kg) shipping weight
	Environment	Operating temperature	32°F to 158°F (0°C to 70°C)
		Operating relative humidity	5% to 95%, noncondensing
		Nonoperating/Storage temperature	14°F to 185°F (-10°C to 85°C)
		Nonoperating/Storage relative humidity	5% to 95%, noncondensing
		Altitude	up to 10,000 ft (3 km)
	Electrical characteristics	Notes	0.04 watts maximum per transceiver end
	Notes	Electrical Properties	
			<ul style="list-style-type: none"> • Cable Characteristic Impedance: 100 ohms • Crosstalk between pairs: 2% max • Time delay: 1.31 nsec/ft
		Physical Properties	

Technical Specifications

- Cable Diameter: 0.180"
- Minimum Cable Bend Radius: 1.0"

Services

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HPE X242 10G SFP+ to SFP+ 7m Direct Attach Copper Cable (J9285B)

Connectivity

Length 22.97 ft. (7 m)

Physical characteristics

Weight 1.02 lb shipping weight

Environment

Operating temperature 32°F to 158°F (0°C to 70°C)

Operating relative humidity 5% to 95%, noncondensing

Nonoperating/Storage temperature 14°F to 185°F (-10°C to 85°C)

Nonoperating/Storage relative humidity 5% to 95%, noncondensing

Altitude up to 10,000 ft (3 km)

Electrical characteristics

Notes 0.04 watts maximum per transceiver end

Notes

Electrical Properties

- Cable Characteristic Impedance: 100 ohms
- Crosstalk between pairs: 2% max
- Time delay: 1.31 nsec/ft

Physical Properties

- Cable Diameter: 0.180"
- Minimum Cable Bend Radius: 1.0"

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
27-May-2016	From Version 6 to 7	Changed	Product description updated. Technical Specifications updated.
20-Mar-2015	From Version 5 to 6	Removed	Removed obsolete SKUs: J9286B, J9287B
10-Aug-2012	From Version 4 to 5	Changed	Updated the Introduction so that the 10 and 15 meter cables are included.
01-Sep-2011	From Version 3 to 4	Changed	Added two new cables to the QuickSpecs.
14-Mar-2011	From Version 2 to 3	Changed	The product names were updated throughout the document.
20-Aug-2009	From Version 1 to 2	Changed	Updated the model part numbers (all now end in "B").



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