

Overview

Models

HP X242 SFP+ SFP+ 1 m Direct Attach Cable	J9281B
HP X242 SFP+ SFP+ 3 m Direct Attach Cable	J9283B
HP X242 SFP+ SFP+ 7 m Direct Attach Cable	J9285B
HP X242 SFP+ to SFP+ 10m Direct Attach Copper Cable	J9286B
HP X242 SFP+ to SFP+ 15m Direct Attach Copper Cable	J9287B

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

HP X242 SFP+ SFP+ 1 m Direct Attach Cable (J9281B)	Connectivity	Length	3.28 ft. (1 m)
	Physical characteristics	Weight	0.24 lb. (0.11 kg) the cable with an SFP+ transceiver at each end of the cable
		Environment	Operating temperature
	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 HP website at www.hp.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 HP sales office.		

HP X242 SFP+ SFP+ 3 m Direct Attach Cable (J9283B)	Connectivity	Length	10 ft. (3 m)
	Physical characteristics	Weight	.49 lb. (0.22 kg), Fully loaded the cable with an SFP+ transceiver at each end of the cable
		Environment	Operating temperature
	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"

Technical Specifications

Services Refer to the HP website at www.hp.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 HP sales office.

HP X242 SFP+ SFP+ 7 m Direct Attach Cable (J9285B)	Connectivity	Length	22.97 ft. (7 m)
	Physical characteristics	Weight	1.02 lb., Fully loaded the cable with an SFP+ transceiver at each end of the cable
		Environment	Operating temperature
	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 HP website at www.hp.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 HP sales office.		

HP X242 SFP+ to SFP+ 10m Direct Attach Copper Cable (J9286B)	Connectivity	Length	32.82 ft. (10 m)
	Physical characteristics	Weight	1 lb., Fully loaded the cable with an SFP+ transceiver at each end of the cable
		Environment	Operating temperature
	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	Maximum power rating	1.2 W
		Notes	Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules

Technical Specifications

populated. 0.6 watts maximum per transceiver end

Notes

Electrical Properties:

- Cable Characteristic Impedance: 100 ohms

Physical Properties:

- Cable Diameter: 0.185"
- Minimum Cable Bend Radius: .555"

Services

Refer to the HP website at www.hp.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 HP sales office.

HP X242 SFP+ to SFP+ 15m Connectivity Direct Attach Copper Cable (J9287B)

Physical characteristics

Length 49.20 ft. (15 m)
 Weight 1.75 lb. (0.79 kg), Fully loaded the cable with an SFP+ transceiver at each end of the cable

Environment

Operating temperature 23°F to 185°F (-5°C to 85°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

Maximum power rating 1.2 W
 Notes Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. 0.6 watts maximum per transceiver end

Notes

Electrical Properties:

- Cable Characteristic Impedance: 100 ohms

Physical Properties:

- Cable Diameter: 0.255"
- Minimum Cable Bend Radius: 0.765"

Services

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Technical Specifications

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