

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)
	Electrical characteristics	Nonoperating/Storage relative humidity	5% to 95%, noncondensing
		Altitude	up to 10,000 ft. (3 km)
		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 	
Services	Physical Properties		
	<ul style="list-style-type: none"> • Cable Diameter: 0.180" • Minimum Cable Bend Radius: 1.0" 		
		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)
	Electrical characteristics	Nonoperating/Storage relative humidity	5% to 95%, noncondensing
		Altitude	up to 10,000 ft. (3 km)
		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 	
Services	Physical Properties		
	<ul style="list-style-type: none"> • Cable Diameter: 0.180" • Minimum Cable Bend Radius: 1.0" 		
		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.	

Technical Specifications

HP X242 SFP+ SFP+ 7m 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
	Services		Physical Properties

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 populated. 0.6 watts maximum per transceiver end
	Notes	Electrical Properties:	<ul style="list-style-type: none"> • Cable Characteristic Impedance: 100 ohms
		Physical Properties:	<ul style="list-style-type: none"> • Cable Diameter: 0.185" • Minimum Cable Bend Radius: .555"

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+ to SFP+ 15m Direct Attach Copper Cable (J9287B)	Connectivity	Length	49.20 ft. (15 m)
	Physical characteristics	Weight	1.75 lb. (0.79 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)
	Electrical characteristics	Nonoperating/Storage relative humidity	5% to 95%, noncondensing
		Altitude	up to 10,000 ft. (3 km)
		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:	<ul style="list-style-type: none"> • Cable Characteristic Impedance: 100 ohms
	Physical Properties:	<ul style="list-style-type: none"> • Cable Diameter: 0.255" • Minimum Cable Bend Radius: 0.765" 	
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.		

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