

SFP-H10GB-CUXM-IL

SFP+ Direct Attach Copper Cable Assembly

PRODUCT FEATURES

- Up to 11 GBd bi-directional data links
- Compliant with 10GFC
- Compliant with SFF8431
- Hot-pluggable SFP+ footprint
- AC coupled inputs and outputs
- 100 Ohm differential impedance
- Enhanced EMI design
- Single power supply 3.3V
- RoHS Compliance
- Operating temperature range: 0°C to 70°C

APPLICATIONS

- 10GBASE Ethernet
- 10GFC
- Serial Data Transmission

General Specifications

Parameter	Symbol	Min	Typ	Max	Unit	Notes
Data Rate	DR		10.3125		GBd	IEEE 802.3ae
Bit Error Rate	BER			10 ⁻¹²		
Operating Temperature	T _{OP}	0		70	°C	Case temperature
Storage Temperature	T _{STO}	- 40		85	°C	Ambient temperature
Supply Current	I _S			4	mA	For electrical power interface
Input Voltage	V _{CC}	3	3.3	3.6	V	
Maximum Voltage	VMAX	- 0.5		4	V	For electrical power interface

Cable Mechanical Specifications

Parameter	Symbol	Min	Typ	Max	Unit	Notes
Cable Diameter(24AWG)	DIA		0.255		Inches	
Time Delay Skew(Within Pair)	T _{DS}			100	Ps/10m	
Cable Time Delay	Td		4.3		ns/m	
Cable Insertion Loss	Lo		10		dB/10m	
Cable Impedance	Zc	95	100	105	Ohm	