

Product Brief

12 Channel Parallel Active Optical Cable

120Gbit/s CXP-CXP AOC

ICD120GVP1410XYxx



Features:

- Small form-factor hot pluggable CXP
- 12 Channel 850nm Parallel Active Optic Cable
- Supports up to 10.3Gbit/s data rate per channel
- Helix type 24-line multi-mode optical fiber cable of up to 50m to allow bending in any direction
- Supports Rx Pre-Emphasis
- I2C for CXP serial ID
- 12ch 850nm VCSEL array
- 12ch PIN array
- Low power consumption: 3W (Max)
- 0°C to +70°C case operating temperature range
- Laser Class 1 IEC / CDRH Product
- Mergeoptics' parallel optics engine
- RoHS 6/6 conform

Applications:

- 12x DDR and 12x QDR Infiniband data transmission.
- 10Gbit/s per channel Ethernet data transmission of up to 12ch.
- 8Gbit/s per channel Fiber Channel data transmission of up to 12ch.

Supported Standards:

120 Gbit/s 12x Small Form-factor Pluggable (CXP) Rev 0.6

Ordering Information

CXP-CXP 5m: ICD120GVP1410XY05
 CXP-CXP 10m: ICD120GVP1410XY10
 CXP-CXP 20m: ICD120GVP1410XY20
 CXP-CXP 50m: ICD120GVP1410XY50

Part Number Coding Scheme

IC	D	120G		V		P		14		10		XY		10		
Inter-connect	Type		Data Rate		Source		Photodiode		Optical Standard		Electrical or MSA		Customer ID		Cable length	
	D	Duplex	120	120 Gbit/s	V	VCSEL	X	None	14	12x10Gbit/s per channel proprietary for AOC	10	tbd	XY	tbd	10	10m

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