
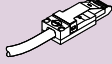
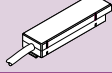




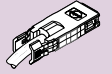


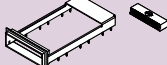

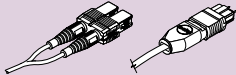

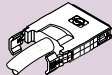

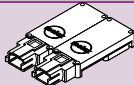



	Data Link	Product	Description	Series
1X	Copper – 2 Differential Pair			
		HSSDC2 Board-Mount Receptacle Single Row HSSDC2 Board-Mount Receptacle Dual Row	Right Angle, InfiniBand Key	74703 74780
		HSSDC2 Cable Assembly Single Row, Loop Back HSSDC2 Cable Assembly Dual Row, Loop Back	Various Lengths, Equalized or Unequalized	73939 74514
		Cage-to-Cage SFP Patch Cables	Various Lengths, 0.3m to 10.0m	73929
		HSSDC2 Pluggable SFP Modules, Loop Back, Dust Plug	Active and Passive Transceivers	74720
		SFP Cages SFP Host Connectors SFP Cage and Connector Kit	Press-Fit, Solder Post and PCI Compliant 20-Position Right Angle SMT Press-Fit Cage with 20-Position Right Angle SMT Host Connector	73927 74441 75082
	Optical			
	Dual LC Optical Cables	Cable Assemblies, Connectors and Adapters	86025	
4X	Copper – 8 Differential Pair			
		LaneLink™ Board-Mount Receptacle	Screw Mount or Solder Post with Latches	91525
		Cable Assemblies: 4X-to-4X, 4X-to-(4)1X, (3)4X-to-12X	Equalized or Unequalized with Latches	92903
		Plug Kit	Plug Connector, Back Shells Equalized or Unequalized with Latches	91534
		Pluggable Module	XPAK Form Factor LaneLink I/O CX4	74732
		Guide Frame for Pluggable Modules Host Connector	Press-Fit, Solder Post and PCI Compliant 70-Position Right Angle SMT	74732 74441
	Optical			
	Pluggable Module	XPAK Form Factor Dual SC I/O LX4	86993	
	Dual SC Optical Cables MPO Optical Cables	Single or Multimode Single 12 Fiber Ribbon Cable Assemblies	86290 86282	
12X	Copper – 24 Differential Pair			
		LaneLink Board-Mount Receptacle	Screw Mount or Solder Post with Latches	91525
		Cable Assemblies: 12X-to-12X, 12X-to-(12)1X, 12X-to-(3)4X	Equalized or Unequalized with Latches	92903
		Plug Kit	Plug Connector, Back Shells Equalized or Unequalized with Latches	91534
	Optical			
	ParaLink-P™ Pluggable Module	12 Channel Parallel Optical Link, TX and RX	86991	
	MPO Optical Cables	Dual 12 Fiber Ribbon Cable Assemblies	86282	

molex® InfiniBand* I/O Interconnect Solutions

Product Offering

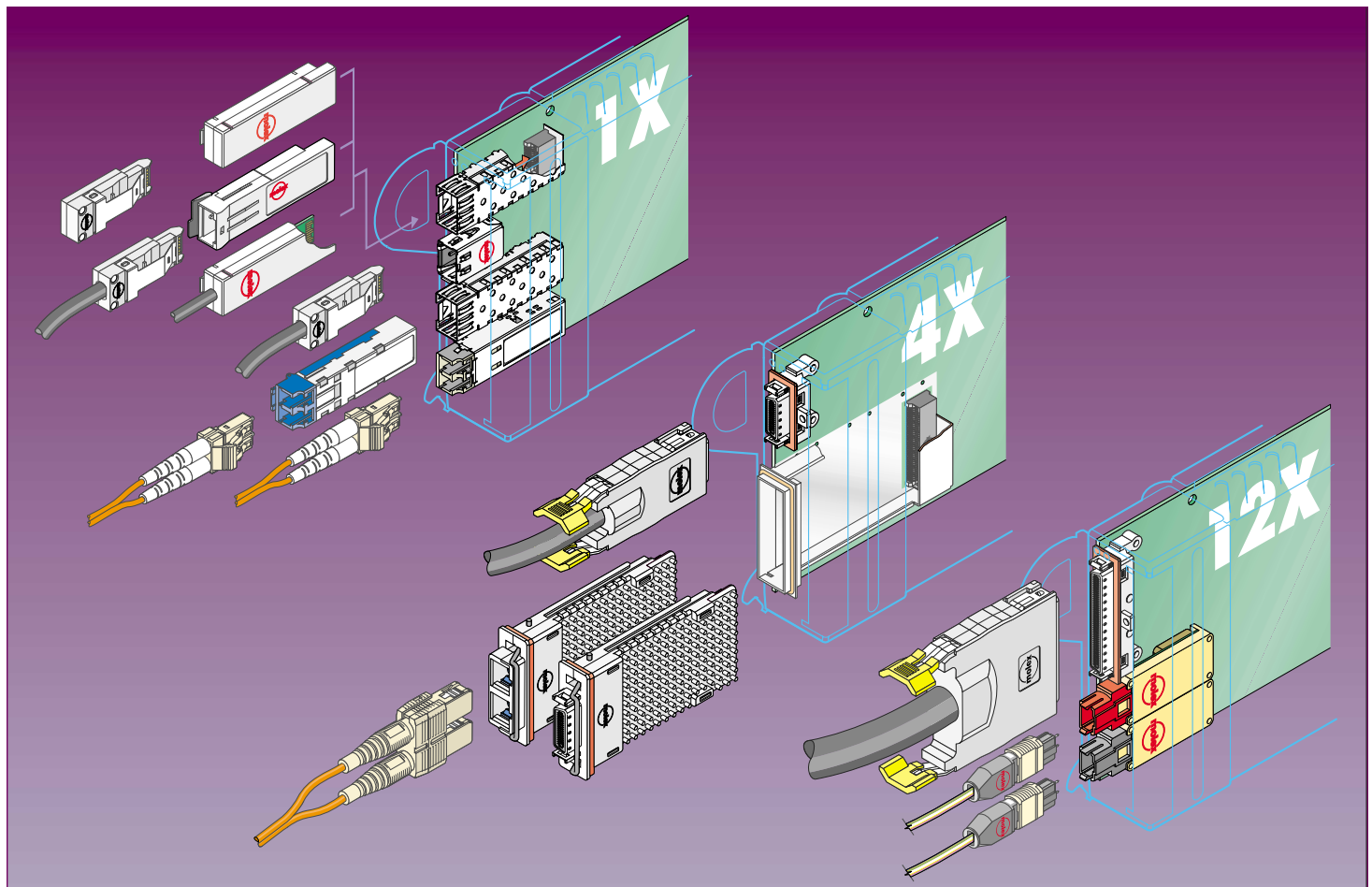
- SFP Cages and Host Connectors
- SFP Copper Patch Cables
- HSSDC2 1X Copper SFP Modules
- HSSDC2 Single and Dual Row Receptacles and Copper Cable Assemblies
- LC and SC Duplex Optical Cable Assemblies
- 4X LaneLink™ Receptacles and Cable Assemblies
- 4X Guide and Host Connectors
- 4X LaneLink Pluggable Modules
- 4X Dual SC Optical Pluggable Modules
- 12X LaneLink Receptacles and Cable Assemblies
- ParaLink-PT™ Optical Modules
- MPO Optical Cable Assemblies

The InfiniBand architecture is a new I/O technology created by key computer manufacturers to address the need for greater scalability, reliability, availability and performance in and around servers. This channel-based, switched fabric technology connects servers point-to-point with remote storage and networking devices and other servers.

The channel-based architecture allows the I/O ports to operate independently from the system memory, rather than through a shared bus configuration. Connections are made through host-channel adapters (HCAs) and target-channel adapters (TCAs), which can be on PCI cards, PCI express cards or InfiniBand carriers.

The InfiniBand specification is designed to support bandwidths of 2.5 Gbps in each single-directional link (5.0 Gbps bi-directionally). Scaling in bandwidth and frequency is done in links of 1-bit, 4-bit and 12-bit bi-directional connections (1X, 4X and 12X). The specification supports both copper and fiber implementations.

The InfiniBand specification provides a reference design for new form factor carriers designed to plug directly to a backplane in rack style applications. The I/O panel on the carrier accommodates both copper and optical connections in a range of high-density options.



APPLICATIONS

- Servers
- Storage Devices
- Switches
- Internetworking Equipment
- Computers

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