

The Multi-Gigabit Datacom Products Market

Bishop & Associates Inc. has just released a new detailed report that covers multi-gigabit data communications connectors and cable assemblies. This market research report contains in-depth analysis of the market for these products, along with profiles of some of the top vendors in the different networking segments: Ethernet, Fibre Channel, and InfiniBand.

The five-year forecasts include many permutations:

- Networking segment and data rate
- Region of the world
- Product
- Media type
- Structured cabling
- Interconnect

Within the datacom market, Ethernet remains the most pervasive networking technology, with Fibre Channel second and InfiniBand third. It is anticipated that by as soon as 2012, InfiniBand will surpass Fibre Channel due to its increasing penetration into the high performance computing sector, and because of its adoption into low-latency applications such as financial trading. Still, by 2015, it will only be about one-fifth that of the Ethernet market as shown in the following tables.

Data Communications Connectors and Cable Assemblies Sales by Equipment Category

Equipment	2010	2011	2012	2013	2014	2015	5-Year CAGR
Ethernet Switch/Router	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	YY.Y%
Fibre Channel Switch	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	YY.Y%
InfiniBand Switch	-	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$X,XXX.X	YY.Y%
Total World	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$XX,XXX.X	YY.Y%

\$ Millions

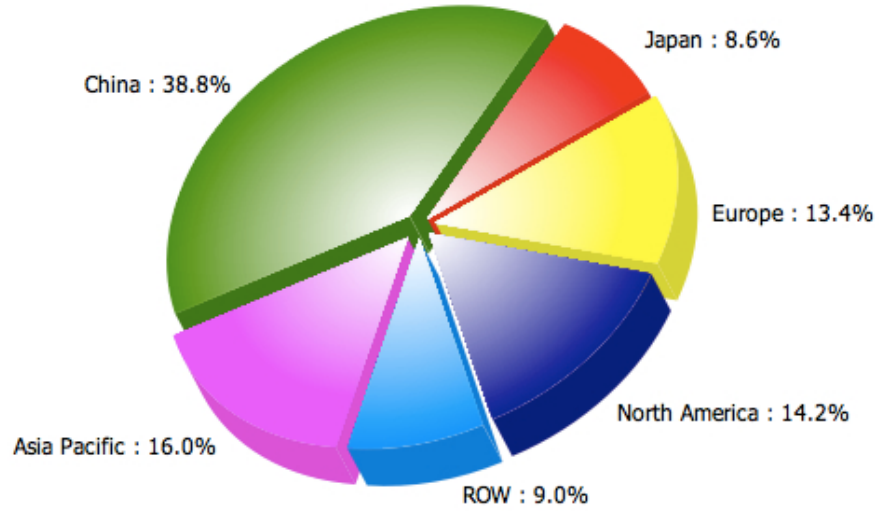
China is the fastest-growing region and already has the largest percent of sales. Also, revenue from sales of connectors and cable assemblies into China is expected to almost double over the next five years. This is shown in the following table and charts.

Data Communications Connectors and Cable Assemblies Sales by Region

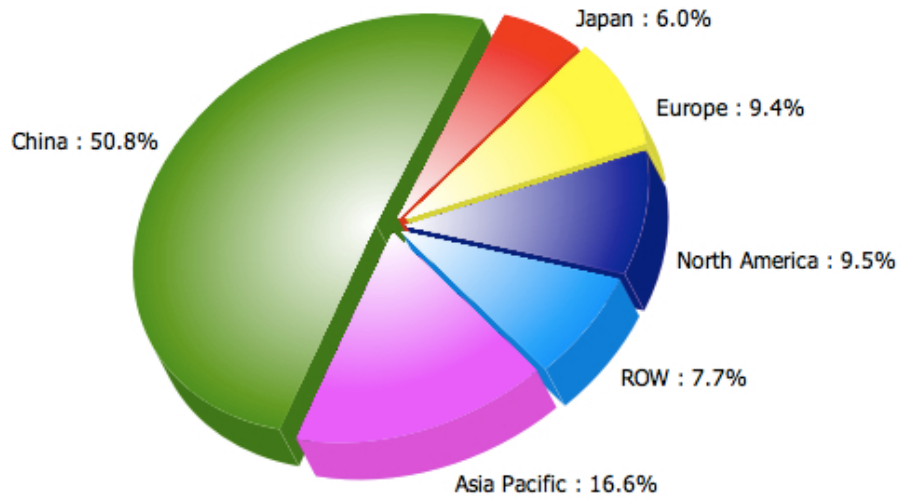
Region	2010	2011	2012	2013	2014	2015	5-Year CAGR
North America	\$XXX.X	\$XXX.X	\$XXX.X	X,XXX.X	\$XXX.X	\$XXX.X	Y.Y%
Europe	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	Y.Y%
Japan	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	Y.Y%
China	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	YY.Y%
Asia Pacific	\$XXX.X	\$XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	YY.Y%
ROW	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	YY.Y%
Total World	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$XX,XXX.X	YY.Y%

\$ Millions

2010 Data Communications Connectors and Cable Assemblies Sales by Region



2015 Data Communications Connectors and Cable Assemblies Sales by Region



Executive Summary

- The Overall Multi-Gigabit Datacom Network Connectivity Market
- Gigabit Ethernet Still the Volume Application
- 10-Gigabit Ethernet Opportunities
- 40/100G Ethernet Marks a Shift to Parallel Technologies
- Fibre Channel and InfiniBand
- Multi-Gigabit Datacom Connectivity Vendors

Chapter 1 Introduction

- Background
- The Markets for 10, 40, and 100G
- How Converged Networks in the Data Center Will Drive Higher Data Rates
- Scope and Objectives
- Scope of this Report
- Methodology and Information Sources
- Plan of Report

Chapter 2 Network Equipment Market and Connectivity Trends

- Introduction
- Ethernet
 - Data Centers and Enterprise Networks: Data Rate and Bandwidth Requirements
 - Ethernet Servers and Switches
- Storage Area Networks and Fibre Channel
 - High Performance Computing and InfiniBand
 - Ethernet versus Fibre Channel and InfiniBand
- Mobile Backhaul
 - Evolving Network Architectures
 - Mobile Backhaul/IP Switch Cable Assemblies
- Gigabit Datacom Connector and Cable Assembly Products
 - RJ45 Family
 - SFP and SFP+ Family
 - Pre-Terminated Fiber Assemblies
 - QSFP+ Family
 - CXP Family

Chapter 3 Competitive Landscape

- Introduction
- Amphenol
- Belden
- Bel Stewart
- CommScope
- Corning Cabling Systems
- FCI/MergeOptics
- Foxconn
- Molex
- The Nexans Group
- Panduit
- The Siemon Company
- TE Connectivity
- Telegärtner
- Others
 - Avago Technologies
 - Finisar
 - Hubbell Premise Wiring
 - L-Com Global Connectivity
 - OFS, a Furukawa Company
 - Optical Cable Corporation (OCC)
 - USConec
 - Volex

Chapter 4 Five-Year Forecasts

- Introduction
 - Total Market
 - Ethernet Enterprise LAN Products – Connectors
 - Ethernet Enterprise LAN Products – Cable Assemblies
 - Ethernet Wireless Backhaul Products – Connectors
 - Ethernet Wireless Backhaul Products – Cable Assemblies
 - Ethernet Structured Cabling Market
 - Ethernet Interconnect Market
 - Fibre Channel

