

# The High-Speed Data Communications and Connectivity Market - 2017 and Beyond

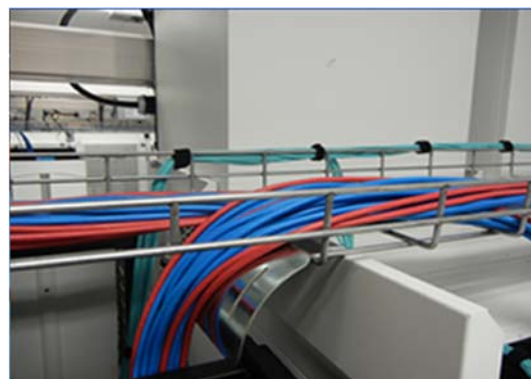
Research Report P-910-17  
June 2017



# The High-Speed Datacom Communications and Connectivity Market – 2017 and Beyond

Report No.: P-910-17  
June 2017

Bishop and Associates, Inc. has just released a new four-chapter research report providing a qualitative and quantitative analysis of the High-Speed Data Communications and Connectivity Market. The report covers connector and cable assembly sales forecasts for the years 2017 through 2022 by data communication equipment market, by data rate, by connector type, by medium (copper or fiber), and by cable assembly type. Forecasts are also broken out by region of the world.



The overall market for Gigabit and above connectors and cable assemblies in 2017 is expected to top \$9.9 billion. The largest market by far is Ethernet. The largest growth in the next five years will come from 100G products with a CAGR of XX.X%, while the largest market will remain 10-Gigabit over the forecasting period. This is mainly due to its staying power in both corporate LANs and data centers. Gigabit Ethernet will see a decline in sales over the forecasting period with a CAGR of -X.X%.

This report provides a comprehensive overview by data rate (Gigabit, 10-Gigabit, 25-Gigabit, 40-Gigabit, and 100-Gigabit) of the three primary equipment types in data communications and cable assemblies; Ethernet Switch/Router, Fibre Channel Switch, and InfiniBand Switch.

Sample Table 1:

**Ethernet Interconnect Connectors by Product Type  
2017F through 2022F**

Product Type	2017	2018	2019	2020	2021	2022	5-Year CAGR
SFP+ 20p PCB	\$XX.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	-X.X%
SFP28 20p PCB	\$X.X	\$X.X	\$X.X	\$X.X	\$XX.X	\$XX.X	XX.X%
QSFP+ 38p PCB	\$XX.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	XX.X%
QSFP28 38p PCB	\$X.X	\$X.X	\$X.X	\$X.X	\$XX.X	\$XX.X	XX.X%
Duplex LC Adapter	\$XX.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	-X.X%
Duplex LC Plug	\$XX.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	-X.X%
12-fiber MPO Adapter	\$XX.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	XX.X%
12-fiber MPO Plug	\$XX.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	XX.X%
<b>Total World</b>	<b>\$XXX.X</b>	<b>\$XXX.X</b>	<b>\$XXX.X</b>	<b>\$XXX.X</b>	<b>\$XXX.X</b>	<b>\$XXX.X</b>	<b>X.X%</b>

\$ Millions

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## Fibre Channel Copper Products 2017F through 2022F with 5-Year CAGR

Product	2017	2018	2019	2020	2021	2022	5-Year CAGR
SFP+ DAC	\$X.X	\$X.X	\$X.X	\$X.X	\$X.X	\$X.X	-XXX.X%
SFP+ 20p PCB	\$X.X	\$X.X	\$X.X	\$X.X	\$X.X	\$X.X	-XXX.X%
SFP16 DAC	\$XX.X	\$X.X	\$X.X	\$X.X	\$X.X	\$X.X	-XX.X%
SFP16 20p PCB	\$XX.X	\$XX.X	\$XX.X	\$XX.X	\$X.X	\$X.X	-XX.X%
SFP32 DAC	\$X.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	XX.X%
SFP32 20p PCB	\$X.X	\$X.X	\$XX.X	\$XX.X	\$XX.X	\$XX.X	X.X%
<b>Total World</b>	<b>\$XX.X</b>	<b>\$XX.X</b>	<b>\$XX.X</b>	<b>\$XX.X</b>	<b>\$XX.X</b>	<b>\$XX.X</b>	<b>-X.X%</b>

\$ Millions

In addition to product analysis, the report also offers a detailed overview of the competitive landscape of this market. Current and future product offerings of individual manufacturers are discussed, as well as how focused suppliers compare with mega connector and cable assembler's like Amphenol, Molex and TE Connectivity.

Other key areas of discussion include:

- 25G Ethernet as the new server connection.
- What the shift to 40/100G means to the data center operator.
- What the future holds for Fibre Channel and InfiniBand.
- How top-of-rack (ToR) switching is affecting the network infrastructure.

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- Report P-799-17**      **2017 World Cable Assembly Market (April 2017) NEW**
- Report M-700-17**      **World Connector Market Handbook (March 2017) NEW**
- Report M-617-17**      **Digital Transformation – Industrial IoT and the Connector Market – Industrial IoT as the Driver of Connectivity – Smart Factory – Smart Grid – Smart City (February 2017) NEW**
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- Report M-1501-17**      **Medical Electronics Market for Connectors (January 2017)**
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- Report P-620-16**      **The World Market for Terminal Blocks (October 2016)**
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