Fiber Optic Connector and Cable Assembly Market
2017 - 2022
Research Report P-775-18
April 2018
Bishop and Associates, Inc. announces the release of a new five-chapter, 157-page research report providing an in-depth analysis of fiber-optic connectors, cable assemblies, and the technologies that enable their use as well as the applications in which they are utilized. Providing a detailed analysis by region and fiber optic connector and assembly type, Fiber Optic Connector and Cable Assembly Market 2017-2022 highlights likely new fiber optic connector business opportunities for connector and cable assembly companies. Detailed information is provided for the period 2017 through 2022.

Fiber optic technologies have become increasingly important in every aspect of the connector industry. From plastic optical fiber (POF) used in automobile communications systems to embedded optics in high-performance computing (HPC), fiber optic connector use is growing. Although not all regions are growing at the same rate, significant growth is anticipated in all regions over the next five-years, with some regions close to doubling their current sales.

World Connector Market by Region
2017 to 2022 with Five-Year CAGR

<table>
<thead>
<tr>
<th>Region</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>CAGR</th>
</tr>
</thead>
<tbody>
<tr>
<td>North America</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>YY.Y%</td>
</tr>
<tr>
<td>Europe</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>YY.Y%</td>
</tr>
<tr>
<td>Japan</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>YY.Y%</td>
</tr>
<tr>
<td>China</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>YY.Y%</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>YY.Y%</td>
</tr>
<tr>
<td>ROW</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>YY.Y%</td>
</tr>
<tr>
<td>Total World</td>
<td>$X,XXX.X</td>
<td>$X,XXX.X</td>
<td>$X,XXX.X</td>
<td>$X,XXX.X</td>
<td>$X,XXX.X</td>
<td>$X,XXX.X</td>
<td>YY.Y%</td>
</tr>
</tbody>
</table>

$ Millions

With over 15 different industry standard fiber optic connector types available, customers have a wide variety of connector styles to pick from, all offering unique characteristics and attributes. During the forecast period, the largest revenue opportunities for fiber optic connectors are in the telcom/datacom market sector and LC connectors. The largest growth market is with embedded optics and therefore mid-plane and backplane connectors.
### Fiber Optic Connector and Cable Assembly Market 2017-2022

**Fiber Optic SC Connector Type**
**2017 to 2022 with Five-Year CAGR**

<table>
<thead>
<tr>
<th>Product Type</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>CAGR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Mode</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
</tr>
<tr>
<td>Multi-mode</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
</tr>
<tr>
<td>Adapters</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
</tr>
<tr>
<td>Total World</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
</tr>
</tbody>
</table>

* Millions

### Fiber Optic Connector and Cable Assembly Sales by Product Type
**2017 to 2022 with Five-Year CAGR**

<table>
<thead>
<tr>
<th>Product Type</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>CAGR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Mode</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
</tr>
<tr>
<td>Multi-mode</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
</tr>
<tr>
<td>Adapters</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
</tr>
<tr>
<td>Total World</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
</tr>
</tbody>
</table>

* Millions
Fiber Optic Connector and Cable Assembly Market 2017-2022

The following table of contents shows the detail provided in this new report.

Table of Contents

Chapter 1 - Introduction
Introduction
Figure 1-1: Attenuation versus Frequency
Fiber Optic Connector Vertical Market Applications
Scope and Objectives
Scope of this Report
Fiber Optic Connectors Covered
Methodology and Information Sources
Plan of Report

Chapter 2 - Executive Summary
Introduction
Fiber Optic Connectors and Cable Assembly Market Dynamics
Table 2-1: Fiber Optic Connectors and Cable Assemblies Revenue by Product Type 2017 to 2022
Figure 2-1: Top Five Fiber Optic Connectors and Cable Assembly Types Percent Market Share 2017
Figure 2-2: Top Five Fiber Optic Connectors and Cable Assembly Families Percent Market Share 2012
Figure 2-3: Fiber Optic Connectors and Cable Assemblies Revenue by Product Type 2017 versus 2022
Figure 2-4: 2017 Fiber Optic Connector Sales by Equipment Sector
Figure 2-5: 2022 Fiber Optic Connector Sales by Equipment Sector
Figure 2-6: Fiber Optic Connectors Revenue by Equipment Sector 2017 versus 2022
Figure 2-7: Fiber Optic Cable Assemblies Sales by Equipment Sector 2017
Figure 2-8: Fiber Optic Cable Assemblies Sales by Equipment Sector 2022
Figure 2-9: Fiber Optic Cable Assemblies Revenues by Equipment Sector 2017 versus 2022
Table 2-2: Connector and Cable Assembly Suppliers

Chapter 3 – Fiber Optic Connector Technology and Market Trends
Introduction
Vertical Markets: Communications and Servers Markets
Networking Technologies – LAN, SAN and HPC
LAN
Figure 3-1: High-Speed Ethernet Application Spaces
Table 3-1: Gigabit Data Communications Ethernet Variants
Figure 3-1: Optical Module Form Factor and Bandwidth Density
Storage Area Networks and Fibre Channel
Table 3-2: Fibre Channel Device Data Rate Roadmap
Table 3-3: Fibre Channel ISL Rate Roadmap
High Performance Computing (HPC) and InfiniBand
Figure 3-2: Top 500 HPC Systems by Interconnect Technology
Table 3-4: InfiniBand Formats and Data Rates
Figure 3-3: InfiniBand Roadmap
Vendor System Share
Figure 3-4: Top 500 Supercomputers Vendor Share
Interconnect Family System Share
Figure 3-5: November 2017 Interconnect Family System Share
Figure 3-6: November 2017 Interconnect Family System Share

Chapter 3 – Fiber Optic Connector Technology and Market Trends (continued)

Chapter 3 – Fiber Optic Connector Technology and Market Trends (continued)

Chapter 4 – Fiber Optic Connectivity Competitive Landscape
Introduction
Amphenol
Amphenol’s FO Connector Offering, Table 4-1
CommScope
CommScope’s FO Connector Offering Table 4-2
Corning Incorporated
Corning’s FO Connector Offering, Table 4-3
HUBER-SUHNER
HUBER-SUHNER’s FO Connector Offering, Table 4-4
JONHON (formerly listed as China Aviation)
Chapter 4 – Fiber Optic Connectivity Competitive Landscape (continued)

JONHON's FO Connector Offering, Table 4-5
Molex
Molex’s FO Connector Offering, Table 4-6
nanoPrecision Products
OFS/Itel (Furukawa)
OFS’s FO Connector Offering, Table 4-7
Rosenberger
Rosenberger’s FO Connector Offering, Table 4-8
Samtec
Samtec’s FO Connector Offering, Table 4-9
Senko Advanced Components
Senko’s FO Connector Offering, Table 4-10
Sumitomo Electric Industries
Sumitomo’s FO Connector Offering, Table 4-11
Yazaki
Yazaki’s FO Connector Offering, Table 4-12
US Conec
US Conec’s FO Connector Offering, Table 4-13

Chapter 5 – Five-Year Forecasts

Introduction
Methodology
Total Market for Fiber Optic Connectors and Cable Assemblies
Table 5-1: Fiber Optic Connectors and Cable Assemblies Revenue by Product Type 2017 to 2022
Table 5-2: Fiber Optic Connectors Revenue by Product Type 2017 to 2022
Figure 5-1: Fiber Optic Connectors Revenue by Product Type 2017 to 2022
Table 5-3: Fiber Optic Cable Assemblies Revenue by Product Type 2017 to 2022
Figure 5-2: Fiber Optic Cable Assemblies Revenue by Product Type 2017 vs 2022
Table 5-4: Fiber Optic Connectors Revenue by Equipment Category 2017 to 2022
Figure 5-3: Fiber Optic Connectors 5-Year CAGR by Equipment Category 2017 to 2022
Table 5-5: Fiber Optic Cable Assemblies Revenue by Equipment Category 2017 to 2022
Figure 5-4: Fiber Optic Cable Assemblies 5-Year CAGR by Equipment Category 2017 to 2022
Table 5-6: Fiber Optic Connectors Revenue by Equipment Region 2017 to 2022
Table 5-7: Fiber Optic Connectors Market Share by Equipment Region 2017 to 2022
Figure 5-5: Fiber Optic Connectors Revenue by Region 2017 vs 2022
Figure 5-6: Market Share by Region 2017 and 2022
Table 5-8: Fiber Optic Cable Assemblies Revenue by Equipment Region 2017 to 2022
Table 5-9: Fiber Optic Cable Assemblies Market Share by Equipment Region 2017 to 2022
Figure 5-7: Fiber Optic Cable Assemblies Revenue by Region 2017 vs 2022
Figure 5-8: Market Share by Region 2017 and 2022
Five-Year Forecasts
Table 5-10: Fiber Optic Connectors Revenue by Product Type 2017 to 2022
Table 5-11: Fiber Optic DIN Connectors Revenue by Product Type 2017 to 2022
Table 5-12: Fiber Optic FC/PC/APC Connectors (SM Only) Revenue by Product Type 2017 to 2022
Table 5-13: Fiber Optic SC Connectors Revenue by Product Type 2017 to 2022

Chapter 5 – Five-Year Forecasts (continued)

Table 5-14: Fiber Optic ST Connectors Revenue by Product Type 2017 to 2022
Table 5-15: Fiber Optic LC Connectors Revenue by Product Type 2017 to 2022
Table 5-16: Fiber Optic Multi-Fiber Array Connectors Revenue by Product Type 2017 to 2022
Table 5-17: Fiber Optic Board-Mount Transceiver Connectors Revenue by Product Type 2017 to 2022
Table 5-18: Fiber Optic Single Mode Connectors Revenue by Product Type 2017 to 2022
Table 5-19: Fiber Optic Multi-mode Connectors Revenue by Product Type 2017 to 2022
Table 5-20: Fiber Optic Adapters/Couplers Revenue by Product Type 2017 to 2022
Figure 5-9: Top Five Fiber Optic Connector Types by Market Share 2017 versus 2022
Table 5-21: Fiber Optic Cable Assemblies Revenue by Product Type 2017 to 2022
Table 5-22: Fiber Optic DIN Cable Assemblies Revenue by Product Type 2017 to 2022
Table 5-23: Fiber Optic FC/PC/APC Cable Assemblies Revenue by Product Type 2017 to 2022
Table 5-24: Fiber Optic SC Cable Assemblies Revenue by Product Type 2017 to 2022
Table 5-25: Fiber Optic ST Cable Assemblies Revenue by Product Type 2017 to 2022
Table 5-26: Fiber Optic LC Cable Assemblies Revenue by Product Type 2017 to 2022
Table 5-27: Fiber Optic Multi-Fiber Array Cable Assemblies Revenue by Product Type 2017 to 2022
Table 5-28: Fiber Optic Board-Mount Transceiver Cable Assy Revenue by Product Type 2017 to 2022
Table 5-29: Fiber Optic Single Mode Cable Assemblies Revenue by Product Type 2017 to 2022
Table 5-30: Fiber Optic Multi-mode Cable Assemblies Revenue by Product Type 2017 to 2022
Five-Year Forecast by Region and Product Type
Table 5-31: Fiber Optic Connectors North American Revenue by Product Type 2017 to 2022
Figure 5-10: Fiber Optic Connectors North American Revenue by Product Type 2017 to 2022
Table 5-32: Fiber Optic Connectors European Revenue by Product Type 2017 to 2022
Figure 5-11: Fiber Optic Connectors European Revenue by Product Type 2017 to 2022
Table 5-33: Fiber Optic Connectors Japanese Revenue by Product Type 2017 to 2022
Figure 5-12: Fiber Optic Connectors Japanese Revenue by Product Type 2017 to 2022
Table 5-34: Fiber Optic Connectors Chinese Revenue by Product Type 2017 to 2022
Figure 5-13: Fiber Optic Connectors Chinese Revenue by Product Type 2017 to 2022
Table 5-35: Fiber Optic Connectors Asia Pacific Revenue by Product Type 2017 to 2022
Figure 5-14: Fiber Optic Connectors Asia Pacific Revenue by Product Type 2017 to 2022
Table 5-36: Fiber Optic Connectors ROW Revenue by Product Type 2017 to 2022
Figure 5-15: Fiber Optic Connectors ROW Revenue by Product Type 2017 to 2022
Table 5-37: Fiber Optic Cable Assemblies North American Revenue by Product Type 2017 to 2022
Figure 5-16: Fiber Optic Cable Assemblies North American Revenue by Product Type 2017 to 2022
Table 5-38: Fiber Optic Cable Assemblies European Revenue by Product Type 2017 to 2022
Chapter 5 – Five-Year Forecasts (continued)

Figure 5-17: Fiber Optic Cable Assemblies European Revenue by Product Type 2017 vs 2022
Table 5-39: Fiber Optic Cable Assemblies Japanese Revenue by Product Type 2017 to 2022
Figure 5-18: Fiber Optic Cable Assemblies Japanese Revenue by Product Type 2017 vs 2022
Figure 5-19: Fiber Optic Cable Assemblies Japanese Revenue by Product Type 2017 vs 2022
Table 5-40: Fiber Optic Cable Assemblies Chinese Revenue by Product Type 2017 to 2022
Figure 5-20: Fiber Optic Cable Assemblies Asian Pacific Revenue by Product Type 2017 vs 2022
Table 5-41: Fiber Optic Cable Assemblies Asian Pacific Revenue by Product Type 2017 to 2022
Figure 5-21: Fiber Optic Cable Assemblies ROW Revenue by Product Type 2017 vs 2022
Table 5-42: Fiber Optic Cable Assemblies ROW Revenue by Product Type 2017 to 2022
Table 5-43: Fiber Optic LC Connectors Revenue by Region 2017 to 2022
Figure 5-22: Fiber Optic LC Connectors Revenue by Region 2017 vs 2022
Table 5-44: Fiber Optic LC Cable Assembly Revenue by Region 2017 to 2022
Figure 5-23: Fiber Optic LC Cable Assembly Revenue by Region 2017 vs 2022
Fiber Optic Connector and Cable Assembly Market 2017-2022

Research Report P-775-18, *Fiber Optic Connector and Cable Assembly Market 2017-2022*, is available for $3,950. If you would like additional information about this report, or would like to place an order, please complete the following information and fax or mail it to Bishop & Associates, Inc. To place your order on our website: [http://store.bishopinc.com/](http://store.bishopinc.com/). Additional print copies of this report are available for $395.

Fax No. 630-443-2704

<table>
<thead>
<tr>
<th>Name:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td></td>
</tr>
<tr>
<td>Company:</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td>State:</td>
</tr>
<tr>
<td>Phone:</td>
<td>Fax:</td>
</tr>
<tr>
<td>E-Mail Address:</td>
<td></td>
</tr>
<tr>
<td>Signature:</td>
<td></td>
</tr>
</tbody>
</table>

Fiber Optic Connector and Cable Assembly Market 2017-2022

- Print Copy @ $3,950
- Print Copy + 1 Additional Print Copy @ $4,345
- Print Copy + CD (Multi-User Corporate License) @ $5,135

- Invoice Me
- Check Enclosed
- Visa
- Master Card
- American Express

Additional $85.00 for International Airmail
Illinois Customers Add 8.0% Sales Tax

Credit Card No.  [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Expiration Date [ ] [ ]   Mo. [ ] [ ]   Yr.

1209 Fox Glen Drive - St. Charles, IL 60174
Phone: 630/443-2702  Fax: 630/443-2704
E-mail: bishop@bishopinc.com
Website: [www.connectorindustry.com](http://www.connectorindustry.com)
Online Store: [http://store.bishopinc.com/](http://store.bishopinc.com/)

For Questions in **Europe**:
Mr. Arthur Visser
Bishop & Associates, Inc.
Phone: (32) 2.660.3696  Fax: (32) 2.675.8374
Email: [Arthur Visser](mailto:Arthur Visser)

**Bishop & Associates, Inc.**
Performance and Forecast of the World Connector Industry
What's New?

Bishop & Associates has recently completed several new research reports about the worldwide connector industry. A table of contents for each report can be found at [http://store.bishopinc.com](http://store.bishopinc.com).

- **Report P-775-18**  
  Fiber Optic Connector and Cable Assembly Market 2017-2022  
  (April 2018)  
  NEW

- **Report P-799-18**  
  2018 World Cable Assembly Market (April 2018)  
  NEW

- **Report M-700-18**  
  World Connector Market Handbook (March 2018)  
  NEW

- **Report P-420-18**  
  IC Socket Market - System and Connector Forecast - 2016 to 2023  
  (March 2018)  
  NEW

- **Report M-860-18**  
  Computer Market and Big Data Systems and Connectors 2017 to 2022 and Beyond (January 2018)

- **Report F2017-02**  
  Connector Industry Forecast (December 2017)

- **Report CA-785-17**  
  Top 100 Cable Assembly Companies (December 2017)

- **Report P-881-17**  
  Evolving High-Speed Backplane Connectors (November 2017)

- **Report P-940-17**  
  World Market for Connectors used in Mobile Network Infrastructure Equipment – 2017 to 2022 (October 2017)

- **Report M-121-17**  
  2017 Top 100 Connector Manufacturers (August 2017)

- **Report C-122-17**  
  2017 Connector Industry Yearbook (July 2017)

- **Report C-303-17**  

- **Report P-910-17**  
  The High-Speed Data Communications and Connectivity Market – 2017 and Beyond (June 2017)

**THE BISHOP REPORT - CONNECTOR INDUSTRY YEARBOOK**

An annual subscription to THE BISHOP REPORT (12 issues) is available for $1,150. As part of your Bishop Report subscription, you have access, through Bishopinc.com, to prior issues of The Bishop Report, News Briefs, Financial Benchmarks, and various connector industry indices. An annual corporate subscription is available for $2,950, which includes an unlimited number of subscribers and one PDF version of the Yearbook.

The CONNECTOR INDUSTRY YEARBOOK is available for $1,500. However, Bishop & Associates offers a special combined price of $1,750 for THE BISHOP REPORT and the CONNECTOR INDUSTRY YEARBOOK (an annual savings of $900).

[Click here](http://store.bishopinc.com) to view an expanded report description, and a complete table of contents, for all Bishop & Associates’ research reports.