Announcement

Fiber Optic Fusion Splicer Global Market Forecast & Analysis

2018-2028

Study Released: February 20, 2019

ElectroniCast Consultants

Fiber Optic Fusion Splicer
Global Market Forecast & Analysis
2018-2028

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Text Pages: 504 pages – PDF
Excel File: Market Forecast Database (2018-2028)

Subscription Fee: USD 4740 Files sent by E-mail
Analyst Inquiry Services are included in the fee.

One-Fee Policy All employees of the client company/organization may use this report worldwide at the consultant service subscription fee shown above.

Report Description

This ElectroniCast report provides estimates of 2018 and a 10-year forecast of the use of fiber optic fusion splicer machines. The market forecast data are segmented by the following functions:

- Consumption Value (US$, Million)
- Quantity (Number/Each)
- Average Selling Prices (ASP $, each in Thousands)

Applications

The ElectroniCast global fiber optic fusion splicer market is segmented into the following major application categories:

- Telecommunications/Multimedia
- Private Enterprise Networks
- Cable TV/Multimedia
- Military/Aerospace (Commercial and MIL-SPEC)
- Specialty (intra-enclosure, test and measurement, rental units, harsh environment industrial, bio-photonics, sensors, laboratory, manufacturing/production of fiber optic components/devices, other applications, and non-specific uses)

This ElectroniCast report provides our estimates and forecasts of the consumption value of fiber optic fusion splicers, segmented into the following geographic regions:

- North America
  - United States of America (USA)
  - Canada
- Latin / South America
- Europe
- Middle East
- Africa
- Asia Pacific
  - Greater China Region
  - Southern Asia
  - Rest of Asia Pacific

ElectroniCast market data estimates and forecasts are also segmented by each of the following fusion splicer (machine) types:

Types of Fusion Splicers

Single Fiber
Bench Top: Core-to-Core Single Fiber
Bench Top: Fixed Alignment Single Fiber
Micro/Handheld: Core-to-Core Single Fiber
Micro/Handheld: Fixed Alignment Single Fiber
Multifiber (Ribbon/Ribbonized)
Bench Top
Micro/Handheld

Microsoft Excel- Data Base Structure At each database level, the ElectroniCast estimates and forecast for fusion splice machines is built from the bottom up, segmented by each machine –type, arranged in a hierarchy, of the types of fusion splicers, and summed upward; and the fusion splice machine per use (application) is arranged in a hierarchy and summed upward. The estimates and forecast for each fusion splicer (machine) type in each country and/or region is in terms of quantity (unit/each), value (US$ Million) and average selling price.

Market Forecast Data Tables:

Not all data Tables found in the Excel File are placed in the PDF (text) of the report (there are extra Tables)

SAMPLE

Excel Worksheet (2018-2028)
ElectroniCast Fiber Optic Fusion Splicer Market Forecast

CATEGORY NAME	FUNCTION	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	AVERAGE ANNUAL GROWTH RATE,% 2018-23	2023-28
TOTAL CONSUMPTION	VALUE, US$ Million QUANTITY, Each PRICE, US$ Thousand													
TELECOMMUNICATIONS	VALUE, US$ Million QUANTITY, Each PRICE, US$ Thousand													
PRIVATE NETWORKS	VALUE, US$ Million QUANTITY, Each PRICE, US$ Thousand													
CABLE TV	VALUE, US$ Million QUANTITY, Each PRICE, US$ Thousand													
MILITARY/AEROSPACE	VALUE, US$ Million QUANTITY, Each PRICE, US$ Thousand													
SPECIALTY	VALUE, US$ Million QUANTITY, Each PRICE, US$ Thousand													

SAMPLE

Excel Data Table (2018-2028)
ElectroniCast Fiber Optic Fusion Splicer Market Forecast

Region	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Average Annual Growth Rate, % 2018-23	2023-28
North America Latin / South America Europe Middle East Africa China Southern Asia Rest of Asia Pacific													
TOTAL VALUE ($ Million)													

NOTE: Totals may not be exact, due to rounding

Information Base for the Market Forecast

Primary Research Estimates and forecasts are based on analysis of information obtained continually since 1994, and now updated through the middle of February 2018.

ElectroniCast analysts perform interviews with authoritative and representative individuals in the fiber optics industry plus telecommunications, datacom, military/aerospace and other communication industries, instrumentation/ laboratory – R&D and factory/manufacturing, from the standpoint of both suppliers and users of fiber optic fusion splice products. The interviews were conducted principally with:

- Engineers, marketing personnel and management at manufacturers of fiber optic fusion splice equipment, mechanical splice, connectors, transceivers, as well as laser diodes and photodiodes, application-specific ICs, packages, ferrules and cables, substrate materials, optical waveguide and other components used in the fabrication of optoelectronic transceivers, cable assemblies and installation apparatus

- Design group leaders, engineers, marketing personnel and market planners at major users and potential users of cable, cable assemblies, connectors, installation apparatus, passive devices and transceivers, such as telecommunication transmission, switching and distribution equipment producers, data communications equipment producers (switches, hubs, routers), computer and workstation producers, weapon system, aircraft and spacecraft electronic equipment producers, optical instrumentation system producers and others.

- Other industry experts, including those focused on standards activities, trade associations, and investments

The interviews covered issues of technology, R&D support, pricing, contract size, reliability, documentation, installation/maintenance crafts, standards, supplier competition and other topics. Customers also were interviewed, to obtain their estimates of quantities received and average prices paid, as a crosscheck of vendor estimates. Customer estimates of historical and expected near term future growth of their application are obtained. Their views of use of new technology products were obtained.

The analyst then considered customer expectations of near-term growth in their application, plus forecasted economic payback of investment, technology trends and changes in government regulations in each geographical region, to derive estimated growth rates of quantity and price of each product subset in each

application. These forecasted growth rates are combined with the estimated baseline data to obtain the long-range forecasts at the lowest detailed level of each product and application.

Secondary Research A full review of published information was also performed to supplement information obtained through interviews. The following sources were reviewed:

- Professional technical journals and papers
- Trade press articles
- Technical conference proceedings
- Product literature
- Company profile and financial information
- Additional information based on previous ElectroniCast market studies
- Personal knowledge of the research team.

In analyzing and forecasting the complexities of the world region markets for fiber optic test and measurement products, it is essential that the market research team have a good and a deep understanding of the technology and of the industry. ElectroniCast members who participated in this report were qualified.

Bottom-up Methodology ElectroniCast forecasts are developed initially at the lowest detail level, and then summed to successively higher levels. The background market research focuses on the amount of each type of product used in each application in the base year (last year), and the prices paid at the first transaction from the manufacturer. This forms the base year data. ElectroniCast analysts then forecast the growth rates in component quantity use in each application, along with price trends, based on competitive, economic and technology forecast trends, and apply these to derive long term forecasts at the lowest application levels. The usage growth rate forecasts depend heavily on analysis of overall end user trends toward optical communication equipment usage and economic payback.

Cross-Correlation Increases Accuracy The quantities of fiber optic fusion splice devices/equipment, fiber cable, connectors, transceivers, transport terminals, optical add/drop MUX, photonic switches and other products used in a particular application are interrelated. Since ElectroniCast conducts annual analysis and forecast updates in each fiber optic related product field, accurate current quantity estimates in each application are part of this corporate database. These quantities are cross-correlated as a “sanity check.”

ElectroniCast, each year since 1985, has conducted extensive research and updated our multiple-client forecasts of each fiber optic component category. As technology and applications have advanced, the number of component subsets covered by the forecasts has expanded impressively.

About ElectroniCast

ElectroniCast, founded in 1981, specializes in forecasting technology and global market trends in fiber optics communication components and devices, as well providing market data on light emitting diodes used in lighting.

As an independent consultancy we offer multi-client and custom market research studies to the world's leading companies based on comprehensive, in- depth analysis of quantitative and qualitative factors. This includes technology forecasting, markets and applications forecasting, strategic planning, competitive analysis, customer-satisfaction surveys and marketing/sales consultation. ElectroniCast, founded as a technology-based independent consulting firm, meets the information needs of the investment community, industry planners and related suppliers.

Proprietary Statement

One-Fee Policy

All employees of the client company/organization may use this report, worldwide at the consultant service subscription fee shown in the front pages of this announcement.

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