Global Fiber Optic Fusion Splicer Market Forecast and Analysis 2018 - 2028 Market Report; Launched via MarketResearchReports.com

Posted on Friday, February 22, 2019


MarketResearchReports.com has announced the addition of “Fiber Optic Fusion Splicer Global Market Forecast & Analysis 2018-2028” research report to their website www.MarketResearchReports.com

Lewes, DE -- (SBWire) -- 02/22/2019 -- A leading market and technology research consultancy addressing the optical communications industry, today announced the release of an extensive study report covering the worldwide market for Fiber Optic Fusion Splicers, covering the years 2018-2028.

A Fusion Splicer is a specialized instrument used to join optical fibers to each other. The generally accepted splicing method is arc fusion splicing, which melts the fiber ends together with an electric arc. The new market report, provides a forecast for the use of fusion splicers by various fiber optic-based communication applications, such as: Telecommunications; Private Enterprise Networks; Cable TV; Military/Aerospace; and Specialty applications.

Telecommunications/Multimedia represented a 69.5 percent share of worldwide consumption of fiber optic fusion splicers last year; the Telecommunication/Multimedia consumption value reached $301.9 million in 2018. Electrical and communication wiring contractor's annual use of fusions splicers to install optical fiber Private Enterprise Networks is forecast to increase steadily through the year 2023. Besides the use optical fiber in Local Area Networks (LANs), fiber cable installation for LAN-to-LAN (campus), Data Centers (DCs), and various wire/hybrid fiber optic cable installations are fast becoming a noticeable user of fusion splicers.

The "Greater China Region" (Mainland China, Hong Kong, Macau and Taiwan) is forecast to remain the major user of fusion splicers in the Asia Pacific region (APAC). The Asia Pacific region is forecast to increase in relative market share, driven by countries expanding the reach and density capabilities of their mobile/wireless device (optical fiber) infrastructure, as well as bringing optical fiber closer to the drop-areas, such fiber to the building.

Last year, the bench top fusion splicers, which typically have a higher average selling price (ASP) versus the Micro/Handheld type in held over 70 percent share of worldwide consumption value of multiple-fiber or ribbon-type fiber optic fusion splicers. However, in terms of volume (quantity/units), the micro/handheld fixed alignment (clad alignment) fusion splicers led in market share for single fiber splicers in 2018.

Report Description

This Publisher 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:
Applications

The Publisher 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 Publisher 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

Publisher 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 Publisher 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.
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.

Publisher 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 Publisher 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. Publisher members who participated in this report were qualified.

Bottom-up Methodology- Publisher 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. Publisher 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.

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