

# **Global Bit Error Rate (BER) Tester Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023**

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## **Abstracts**

Bit error rate (BER) is the number of bit errors per unit time or bit error ratio is defined as the ratio of total number of bits transferred over a communication medium to the total number of bit errors at the recipient side. Bit Error Rate (BER) testers are the systems used to detect the BER over any communication link as radio link, optical fiber, copper cable or others. When the data is transmitted from one place to another over a communication medium, there is a chances of error get introduced within the information data, especially because of the noisy environment of the medium over which information is transmitted. In short it is used to test the quality of link or the medium of communication, if there is less bit error rate which indicates good quality of system.

## **SCOPE OF THE REPORT:**

This report studies the Bit Error Rate (BER) Tester market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Bit Error Rate (BER) Tester market by product type and applications/end industries.

The key trend of Bit Error Rate (BER) tester market is the demand of Bit Error Rate (BER) tester because of compliance testing and validation of 40GbE & 100GbE networks will increase. The key growth drivers of Bit Error Rate (BER) tester market are increased demand of modular BERTs, increased growth of digital interfaces in global market, new and advanced emerging standards like 40 gig & 100gig are also the factors supporting the growth of global Bit Error Rate (BER) tester market. On the other hand lower education level in emerging regions, lower awareness of end user about Bit Error Rate (BER) tester's applications & also the competition for standalone BERTs are the

key restraints for Bit Error Rate (BER) tester market.

The global Bit Error Rate (BER) Tester market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Bit Error Rate (BER) Tester.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

JDS Uniphase Corporation

Anritsu Corporation

Centellax

SHF Communication Technologies

Luceo Technologies

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Traditional Bit Error Rate (BER) Tester

Functional Bit Error Rate (BER) Tester

Market Segment by Applications, can be divided into

Installation and Maintenance

Research

Development & Manufacturing

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