Leaflet

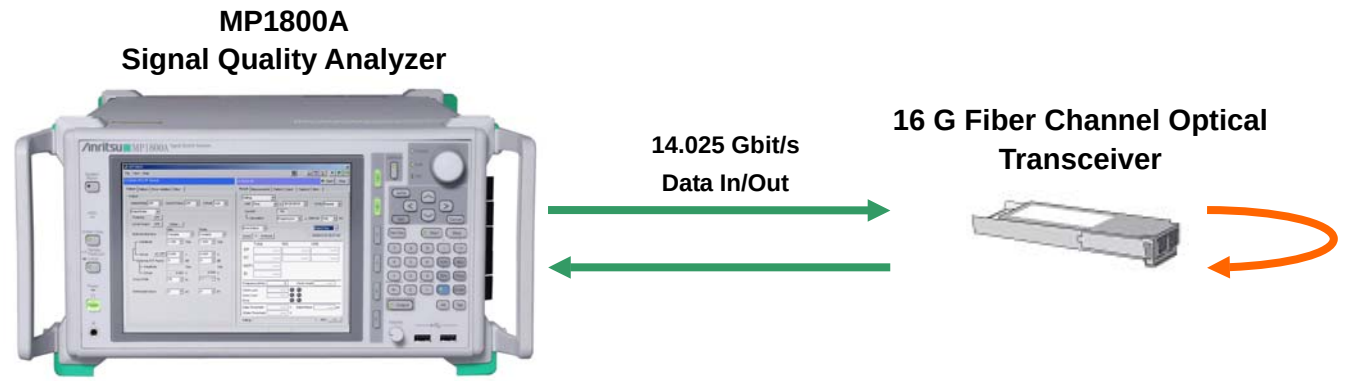
16 G Fiber Channel Measurement Solution

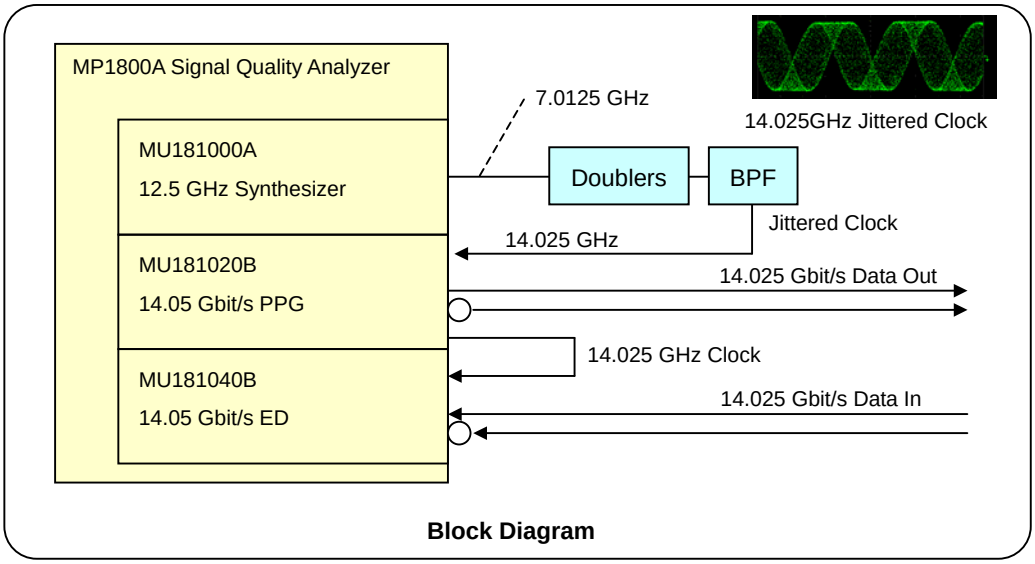
MP1800A/MT1810A

Signal Quality Analyzer / 4-slot chassis

The growing demands of cloud computing and high-resolution video streaming are driving increases in server and storage network capacity. The FC-PI-5 16 G Fiber Channel specification with an operation frequency of 14.025 Gbit/s is being proposed to support these needs.

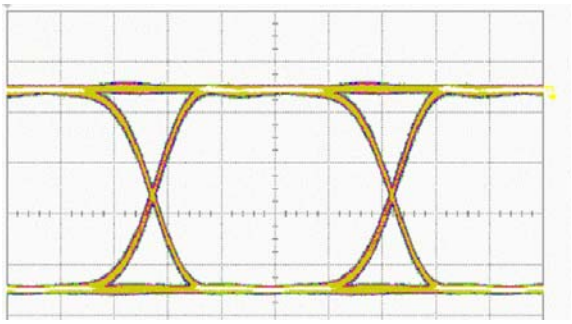
Anritsu's MP1800A Signal Quality Analyzer supporting output of high-quality calibrated waveforms, jitter tolerance tests, signal analysis, and accurate quality evaluations of 16 G fiber channel optical modules and devices is the ideal solution for improving your product quality.





Block Diagram

■ Waveforms



MU181020B-012
14.025 Gbit/s, 2.0 Vp-p

■ Features

- **Operation Frequency: 14.05 Gbit/s**

  Expanding the PPG/ED module operation frequency to 14.05 Gbit/s supports 16 G fiber channel measurements using a cost-effective configuration.

- **Jitter Tolerance Test**

  Combining with the MU181000A 12.5 GHz Synthesizer and Doublers/BPF supports all-in-one jitter tolerance tests. Confirmation of product jitter tolerance and Rx margin helps quantify product tolerance.

- **High-quality Waveforms**

  Outputting high-amplitude high-quality waveforms with low jitter and quick rising/falling times (Tr/Tf) supports accurate evaluation of characteristics and higher manufacturing yields.

■ Configuration

Model	Product Name	Qty
MP1800A	Signal Quality Analyzer	1
MP1800A-014	2-slot for PPG and/or ED	1
MU181000A	12.5 GHz Synthesizer	1
MU181000A-001	Jitter Modulation	1
MU181020B	14 Gbit/s PPG	1
MU181020B-002	0.1 to 14 Gbit/s	1
MU181020B-003	14.05 Gbit/s Extension	1
MU181020B-011	Variable Data Output (0.25 to 2.5 Vp-p)	1
MU181040B	14 Gbit/s ED	1
MU181040B-002	0.1 to 14 Gbit/s	1
MU181040B-003	14.05 Gbit/s Extension	1
MU181040B-030	Variable Clock Delay	1
P0047A	Frequency Doublers	1
Z1340A	13GHz Band Pass Filter (BPF)	1

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