

KEYSIGHT TECHNOLOGIES (AGILENT HP)

86100B

The Keysight (formerly Agilent / HP) 86100B Infiniium DCA is a high-speed digital communications analyzer, wideband sampling oscilloscope, and time-domain reflectometer (TDR). Featuring a familiar Windows interface and two module slots, it operates with plug-in modules to provide up to 80 GHz of electrical bandwidth and 65 GHz of optical bandwidth. It is designed to perform rapid, one-button compliance measurements and eye diagram analysis for data rates ranging from 100 Mb/s to 40 Gb/s and beyond.

SPECIFICATIONS

General

Display	8.4-inch color LCD
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Mainframe Characteristics

Number of Module Slots	2
Supported Module Families	861xx-series, 83480A-series, 54750A-series
Internal Operating System	Windows

TDR / TDT Specifications (Modular)

TDR / TDT Capability	Supported (module dependent)
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Measurements and Analysis

Compliance Testing	Built-in automated compliance tests
Eye Diagram Measurements	Supported (Single-button compliance eye analysis)
Instrument Functions	Digital Communications Analyzer, Time-Domain Reflectometer, Oscilloscope

Vertical System

ADC Resolution	14 bits
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Horizontal System

Record Length	16 to 4096 points per waveform
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TECHNOLOGY

Wideband Sampling Oscilloscope

APPLICATIONS

Digital Communications Analysis, TDR, Optical & Electrical Compliance Testing

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.