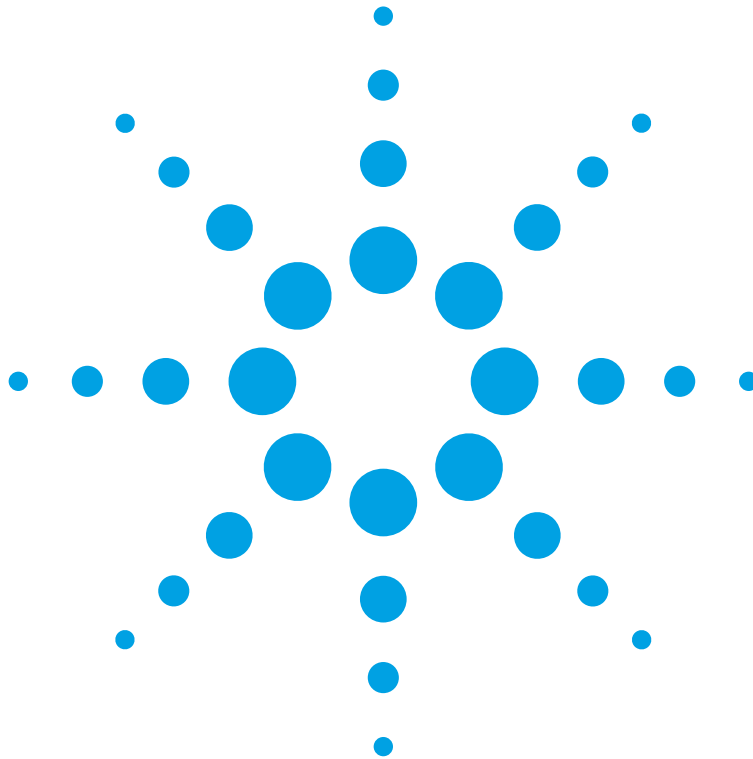


infiniium DCA
Agilent 86100A/B/C Series
Plug-in Modules
Installation Guide



Agilent Technologies

Notices

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Safety Notices

CAUTION

Caution denotes a hazard. It calls attention to a procedure which, if not correctly performed or adhered to, could result in damage to or destruction of the product. Do not proceed beyond a caution sign until the indicated conditions are fully understood and met.

WARNING

Warning denotes a hazard. It calls attention to a procedure which, if not correctly performed or adhered to, could result in injury or loss of life. Do not proceed beyond a warning sign until the indicated conditions are fully understood and met.

Instrument Markings



This product complies with the WEEE Directive (2002/96/EC) marking requirements.

The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex I, this product is classed as a “Monitoring and Control instrumentation” product. Do not dispose in domestic household. To return

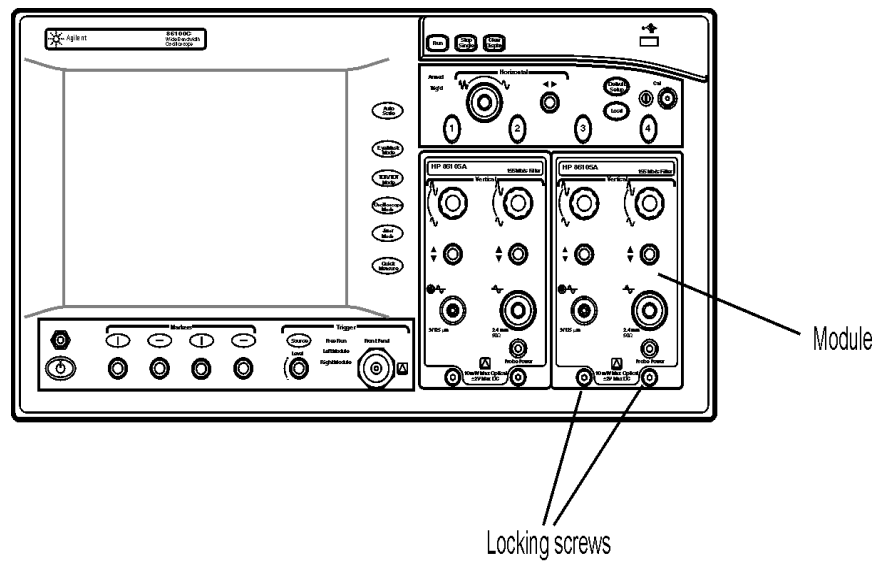
unwanted products, contact your local Agilent office, or refer to www.agilent.com for more information.

Installation Instructions

This plug-in module is designed for use with the Infiniium DCA Agilent 86100A/B/C wide-bandwidth oscilloscope.

To install the module into the Infiniium DCA

- 1 Slide the module into an available front-panel slot.



- 2 Finger tighten the two knurled screws on the module's front panel.

Up to two modules can be inserted into the Infiniium DCA. All documentation (including specifications and regulatory information) for this plug-in module is located in the Infiniium DCA online help. To access the online help, click Contents on the Help menu.

- 3 If ordered, an optional firmware upgrade kit will be enclosed in the module shipping container. Install this firmware if the manframe does not have the latest version of firmware. To learn more about firmware upgrades, available modules, or the Infiniium DCA, visit our website at <http://www.agilent.com/comms/dca>.

General Safety Considerations

This product has been designed and tested in accordance with IEC Publication 1010, Safety Requirements for Electronic Measuring Apparatus, and has been supplied in a safe condition. The instruction documentation contains information and warnings which must be followed by the user to ensure safe operation and to maintain the product in a safe condition.

Install the plug-in module according to the enclosure protection provided. This instrument does not protect against the ingress of water. This instrument protects against finger access to hazardous parts within the enclosure.

WARNING

If this product is not used as specified, the protection provided by the equipment could be impaired. This product must be used in a normal condition (in which all means for protection are intact) only.

WARNING

No operator serviceable parts inside. Refer servicing to qualified service personnel. To prevent electrical shock do not remove covers.

WARNING

To prevent electrical shock, disconnect the instrument from mains before cleaning. Use a dry cloth or one slightly dampened with water to clean the external case parts. Do not attempt to clean internally.

CAUTION

This product is designed for use in Installation Category II and Pollution Degree 2 per IEC 1010 and 664 respectively.

CAUTION

Electrical channel input circuits and the trigger input circuit can be damaged by electrostatic discharge (ESD). Therefore, avoid applying static discharges to the front-panel input connectors. Prior to connecting any coaxial cable to the connectors, momentarily short the center and outer conductors of the cable together. Avoid touching the front-panel input connectors without first touching the frame of the instrument. Be sure that the instrument is properly earth-grounded to prevent buildup of static charge. Wear a wrist-strap or heel-strap.