



BPA[®] 100

BLUETOOTH[®] PROTOCOL ANALYZER

Every year, billions of Bluetooth-enabled mobile and wireless devices are shipped worldwide. Developers of accessories and peripherals for those devices need to make sure that their Bluetooth implementation is reliable and robust. To be identified as MFi-compliant products, those accessories also have to meet Apple's strict certification requirements.

The Path to Certification

Teledyne LeCroy's USB-powered Frontline BPA 100, used only in conjunction with Apple's ATS software and available exclusively from Avnet, Inc., is the special purpose tool required for developers and test engineers to certify that their Bluetooth Classic-enabled devices and accessories are officially MFi compliant.

Compliance means that your product bears the MFi mark identifying it as conforming to Apple's iAP protocol standards. BPA 100 does not support Secure Connection accessories if testing with iOS 11 or later.



Hardware Specifications

- **Bus Type:**
USB 2.0 Mini-B
- **Power:**
Mini USB Connector

Supply Voltage:
5 (+/- 0.5) Volts
- **RF Performance:**
Receiver Sensitivity:
-92.0 (+/- 1.5) dBm

Antenna Gain: -2.2 (+/- 0.5) dBi

LNA Gain: +9.0 (+/- 2) dB
- **Dimensions:**
3.5" X 1.75" X .71"
90.0mm X 44.0mm X 18.60mm
- **Temperature:**
Operating Temperature:
+25° (+/- 25°) Celsius
0° to +122° Fahrenheit

Operating Relative Humidity:
50% (+/- 20%)

Storage Temperature:
-20° to +85° Celsius
-4° to +185° Fahrenheit

Storage Humidity Range:
0% to 85%

ComProbe BPA 600: Comprehensive Bluetooth Analysis

The BPA 100 is how you get MFi-certified. For full visibility into the entire Bluetooth stack, Teledyne LeCroy offers the USB-powered Frontline[®] BPA[®] 600 Dual Mode Bluetooth Protocol Analyzer, the industry's most powerful and portable tool for the development of robust and interoperable Classic, low energy and dual mode Bluetooth products. Only slightly larger than a paperback book, the BPA 600 works with Frontline software to help you pinpoint and solve today's most complex Bluetooth connectivity, data transfer and



audio quality issues. From automated custom testing to crystal-clear data views, painless no-configuration capture and intuitive link key handling, the BPA 600 was designed with one purpose in mind - to reduce the time you need to bring your best possible product to a fast-moving and diverse marketplace.

For more information about the Frontline BPA 600, call us today at 800.359.8570, email sales@fte.com, or visit www.fte.com/getbpa600 today.

To order or for more information:

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