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# GPIB-USB-HS Specifications

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## Definitions

**Warranted** specifications describe the performance of a model under stated operating conditions and are covered by the model warranty.

**Characteristics** describe values that are relevant to the use of the model under stated operating conditions but are not covered by the model warranty.

- **Typical** specifications describe the performance met by a majority of models.
- **Nominal** specifications describe an attribute that is based on design, conformance testing, or supplemental testing.

Specifications are **Typical** unless otherwise noted.

## Performance

GPIB	
3-wire	up to 1830 kbytes/s
HS488	up to 7230 kbytes/s

## Bus Interface

Bus Connector	USB 3.0/2.0 hi-speed or 1.1 full-speed <sup>1</sup>
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1. The module READY LED lights amber when connected to a USB 3.0 or 2.0 port, and green when connected to a USB 1.1 port.

## Power Requirements

USB bus-powered device

+5 V (VBUS)	140 mA, Typical; 500 mA, Maximum
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## Physical Characteristics

Dimensions	10.7 cm × 6.6 cm × 2.6 cm (4.2 in. × 2.6 in. × 1.0 in.)
Weight	180 g (6.3 oz), includes USB cable weight
<b>Connector</b>	
GPIB	IEEE 488 24-pin connector
USB	USB standard Type A plug
<b>Jackscrew</b>	
Thread	M3.5 × 0.6
Torque	0.56 N · m (5.0 lb · in.), maximum

## Environment

Operating ambient temperature	0 °C to 55 °C (Tested in accordance with IEC 60068-2-1 and IEC 60068-2-2.)
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Operating relative humidity	10% to 90%, noncondensing (Tested in accordance with IEC 60068-2-56.)
Storage ambient temperature	-20 °C to 70 °C (Tested in accordance with IEC 60068-2-1 and IEC 60068-2-2.)
Storage relative humidity	5% to 95%, noncondensing (Tested in accordance with IEC 60068-2-56.)