

±15V Current-Limited Power Supply

BIM-5001 Series

BIM-5001 current-limited power supply is intended for use with photodetectors and photoreceivers, but can also be used for general laboratory applications. Two of the three $\pm 15\text{-V}$ outputs have Pico-micro-connectors that match the cables supplied with photoreceivers and amplifiers. The third output has banana jacks for use with other laboratory equipment.

All three outputs are independently current limited to prevent damage. If a load draws current beyond the specified limit, the voltage to that load drops very rapidly, reducing the available power and preventing damage to the power supply and the attached equipment.



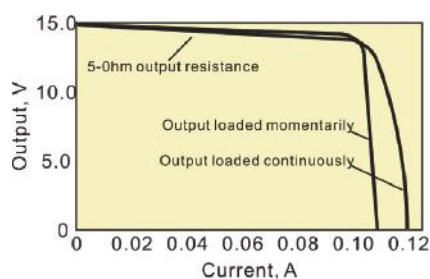
Features

- Compact Shielded Microconnectors: The output microconnectors on this power supply are Pico (m8) style, they are shielded to reduce electrical coupling from external noise sources with compact size
- Current Limited Supplies: All three outputs are independently current limited to prevent damage.
- Multiple Cable Styles Available: We offers Pico (m8) double-ended, male-to-male cables compatible with this power supply in different lengths. Also available is a 1-m long Pico (m8) male to banana plug cable and a 1-m cable with BMC male to SMB plug.
- Wide input voltage range: 100~240VAC, compatible with various countries and regions
- Compatible with New Focus photoreceivers

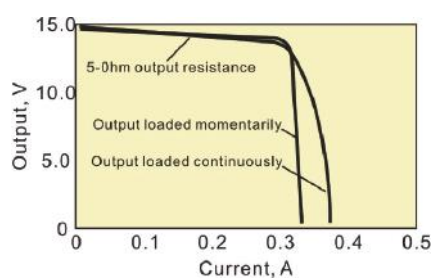
Applications

Used for optical receivers, amplifiers and laboratory applications

Typical Spectrum



When the load exceeds the rated current (0.1A), the output voltage drops rapidly.



When the load exceeds the rated current (0.3A), the output voltage drops rapidly.

What's included

#	Part Description	Model	Qty.
1	±15V Current-Limited Power Supply	BIM-5001	1
2	Power cable	BC-105075	1

Specifications

Item	Specification
Output Voltage	±15V±3%
Ripple Wave	< 1 mV(rms)
Recovery Time	< 100μs
Temperature Factor	< 300ppm/°C
Output Current	<0.3A / <0.1A

Optional

- BIM-5001-01 ±15V Current-limited Power Supply, including a M8 to Banana Cable
- BIM-5001-02 ±15V Current-limited Power Supply, including a M8 to M8 Cable

Dimensions (mm)

