

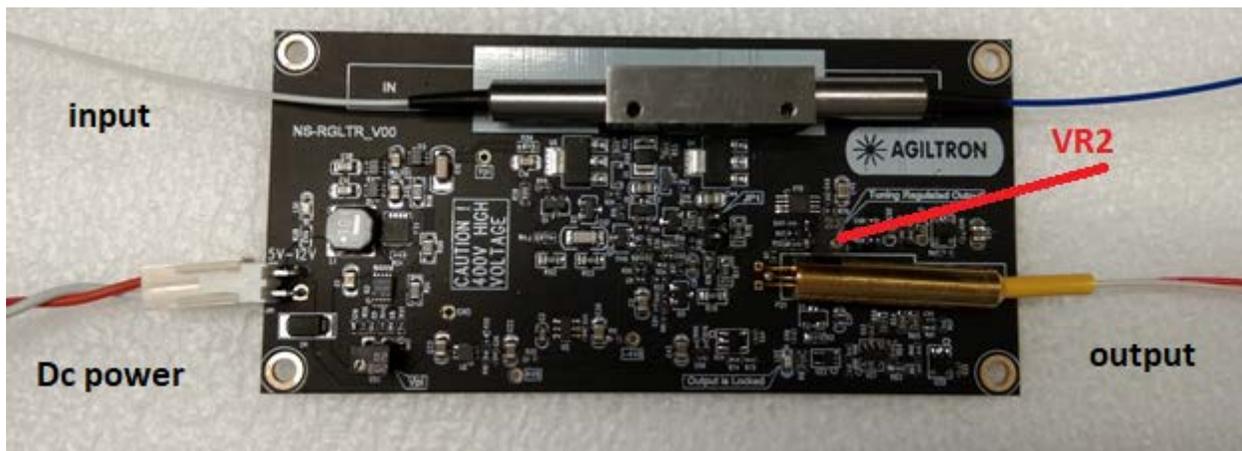
Optical Power Regulator Manual

(Low Output Optical Power Version < 1W)

1/24/2022

1. Introduction

The NOPR nano-second speed VOA and a tap PD monitor automatically lock optical power output to a constant set value. The output power level has an adjustable range for customers to vary and set the value. Below is an instruction on how to do it.



2. Operating

- 2.1 For the module with a metal box, open the lid first. Then, connect input fiber and output fiber. Input fiber is white on the left shown in the picture; output fiber is on the right side.
- 2.2 Plug in 12V power adaptor comes with the device. Use the power cord packed in the package connected to the driver board or the module.
- 2.3 The LED on board is on when power is provided.

- 2.4 The default output power was pre-set at the factory per customer requirement. Change the pot VR2 for a different out power setting. The resistor pot is fragile that is intended for a few adjustments only.
- 2.5 Unplug DC 12V power adaptor to turn off the unit.

3. Optical Specification

Parameters	Min	Typical	Max	Unit
Operating wavelength range				nm
Insertion Loss				dB
Polarization Dependent Loss				dB
Operating Temperature	-5		70	°C
Storage Temperature	-40		85	°C
Operating Optical Power				W
Factory Output Setting				dBm

Part Name: _____

Part No.: _____

Serial No.: _____

Tested by: _____

QA: _____

Date: _____

Date: _____

Don't touch the driving board during operation to avoid high voltage electric shock or static damage to the chips.