

RB Plus

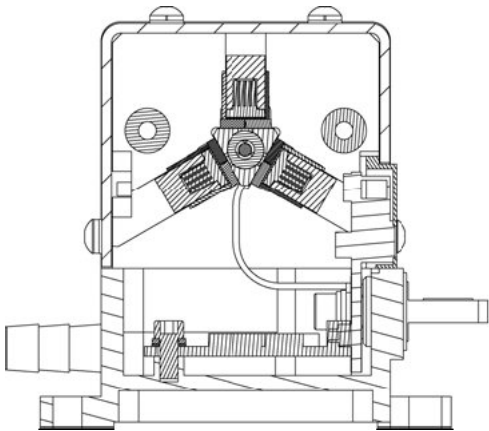


Product Overview

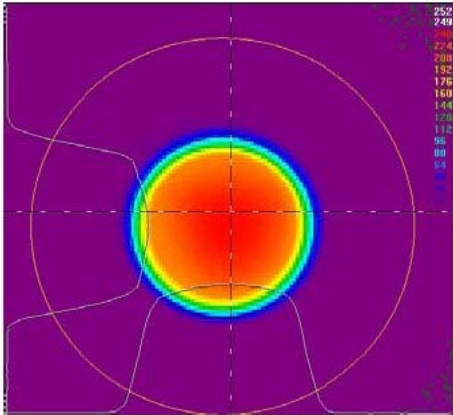
DPSS Nd:YAG Laser Modules

Product Definition
The RB Plus Series is the improved version of the RB Series. It is the ideal OEM building block for the development or production of new state of the art laser systems. The RB Plus Series is a highly reliable, sealed module. It is extremely compact, rugged, and efficient.

Pump Symmetry

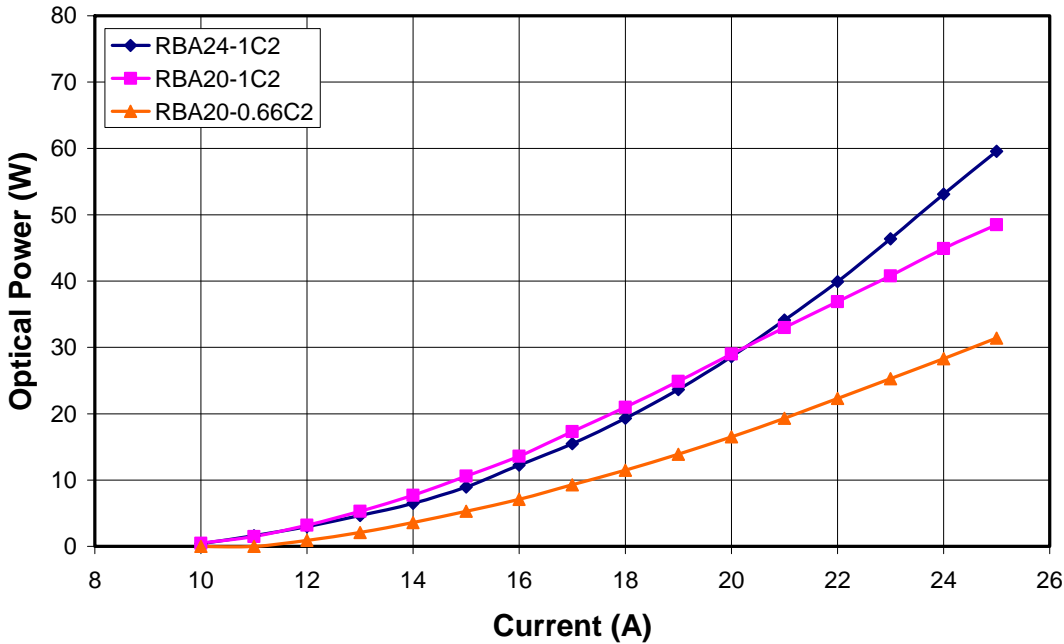


Relay Image of Fluorescence



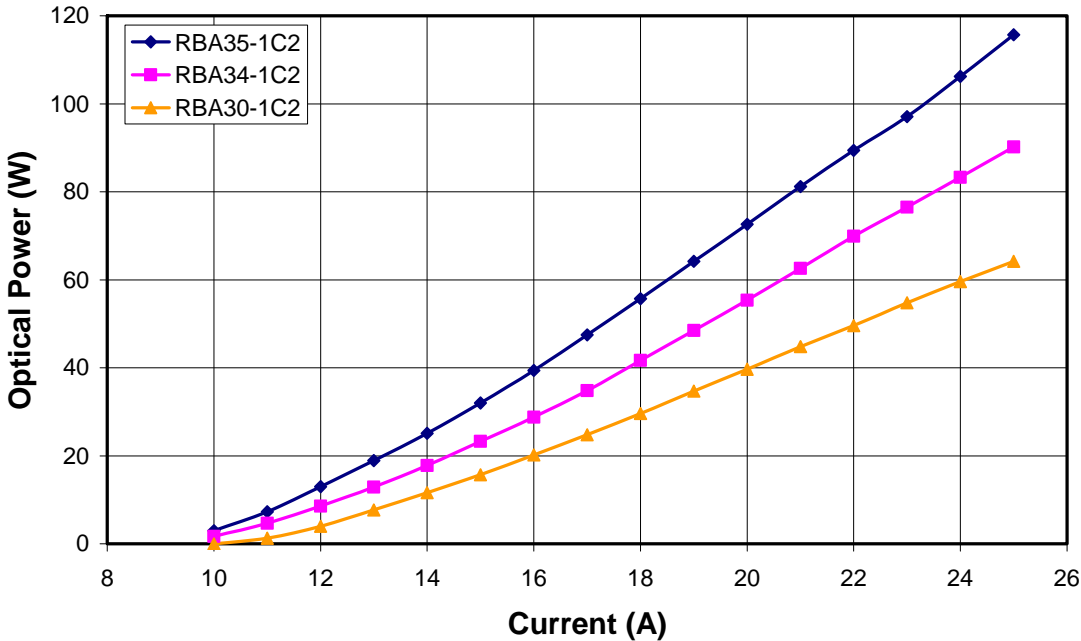
2mm x 63 mm rod, 0.6% doped Nd:YAG

RB Plus CW Power Standard 165mm Cavity, 2mm Rod



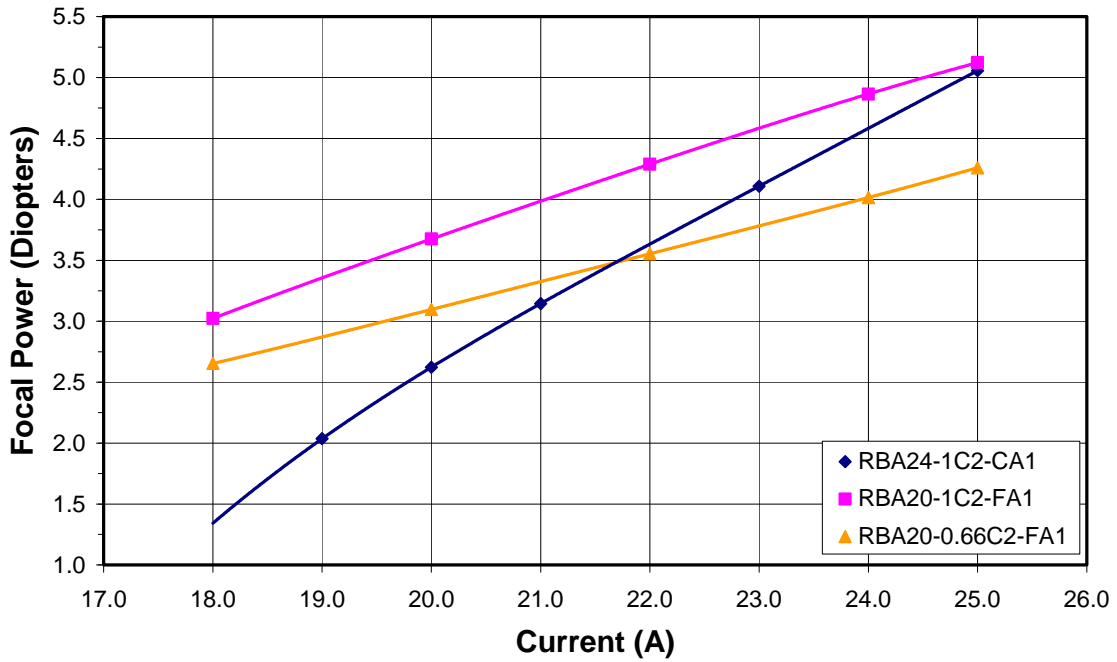
Note: All curves are typical beginning of life performance curves.

RB Plus CW Power Standard 165mm Cavity, 3mm Rod



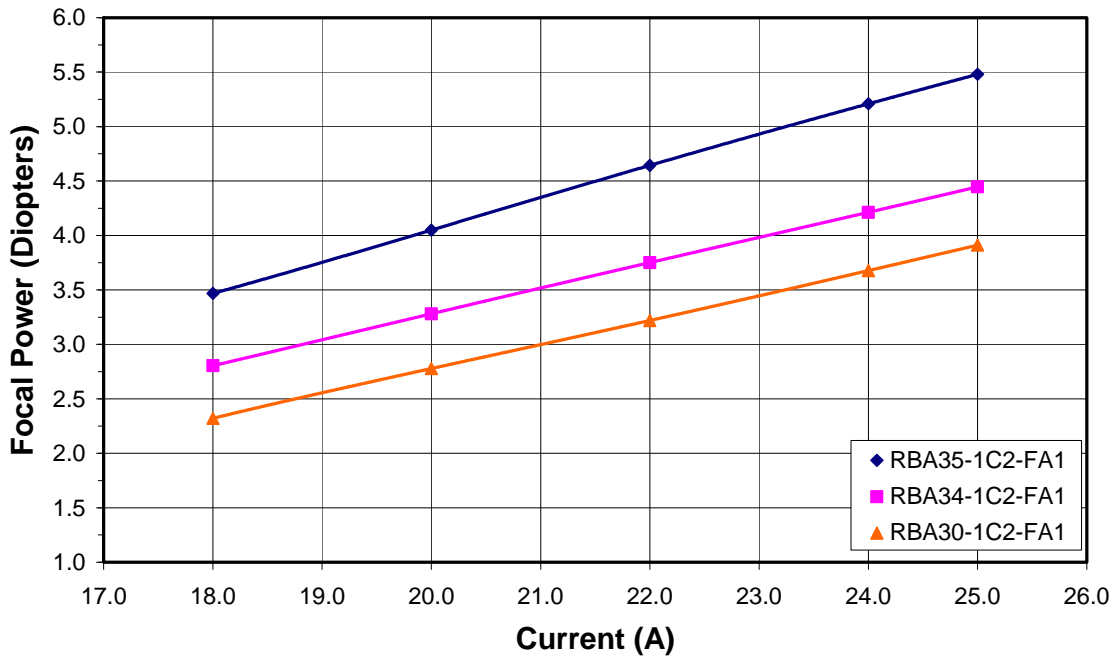
Note: All curves are typical beginning of life performance curves.

RB Plus Thermal Lensing 2mm Rod



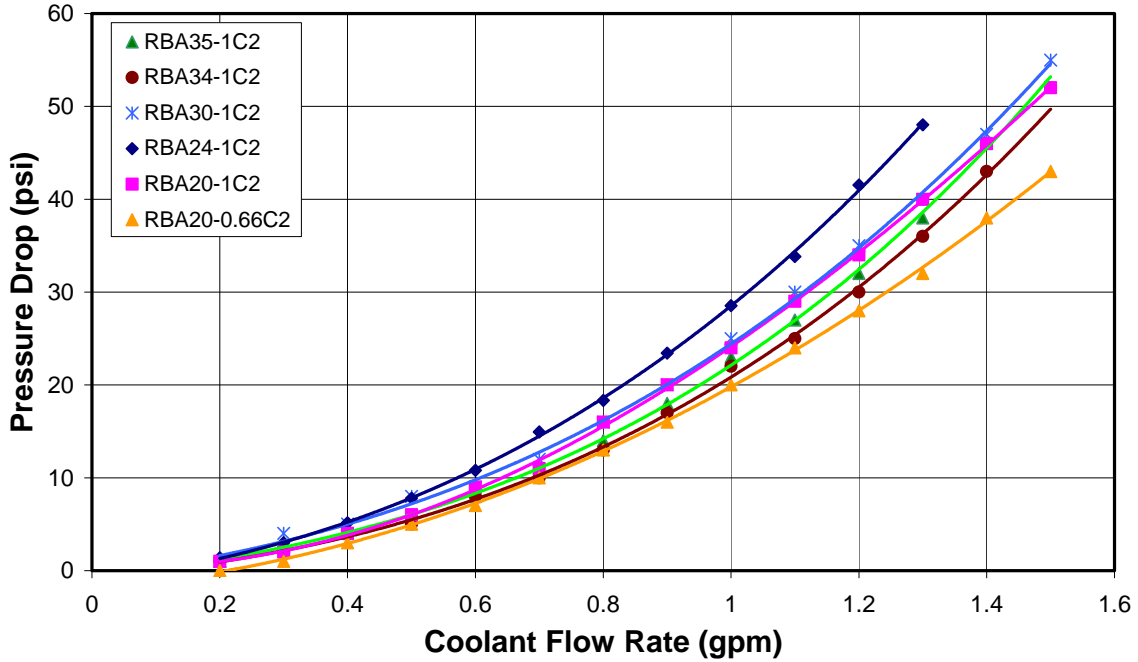
Note: All curves are typical beginning of life performance curves. Data obtained with a Shack Hartmann wavefront sensor.

RB Plus Thermal Lensing 3mm Rod

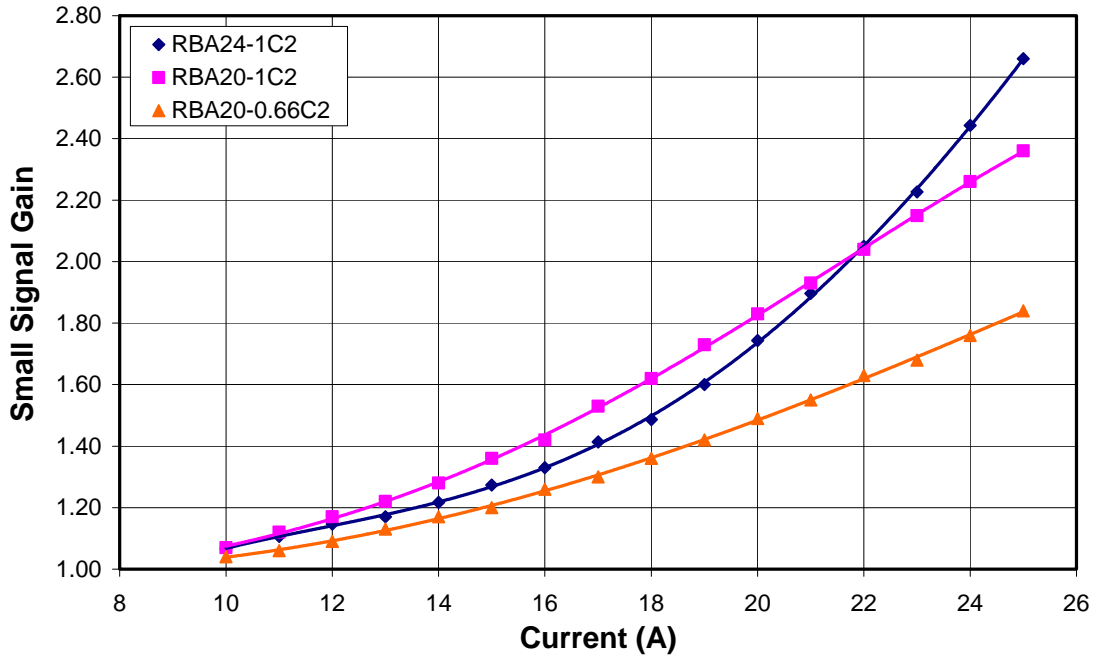


Note: All curves are typical beginning of life performance curves. Data obtained with a Shack Hartmann wavefront sensor.

RBA Plus Flow Rate vs. Pressure Drop

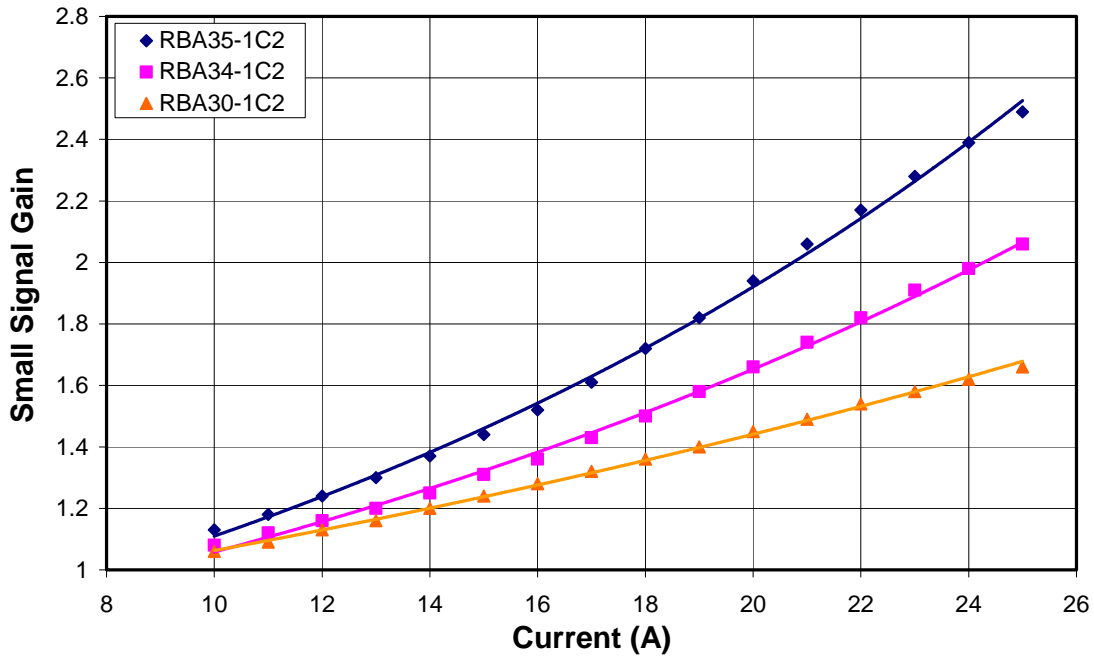


RB Plus Small Signal Gain 2mm Rod



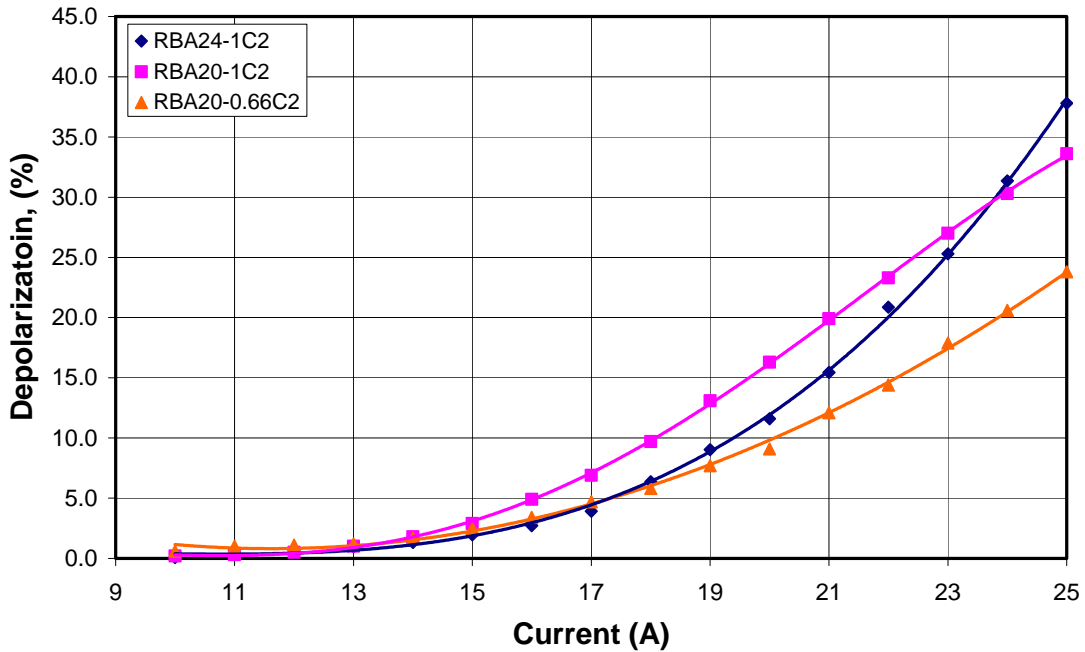
Note: All curves are typical beginning of life performance curves

RB Plus Small Signal Gain 3mm Rod



Note: All curves are typical beginning of life performance curves

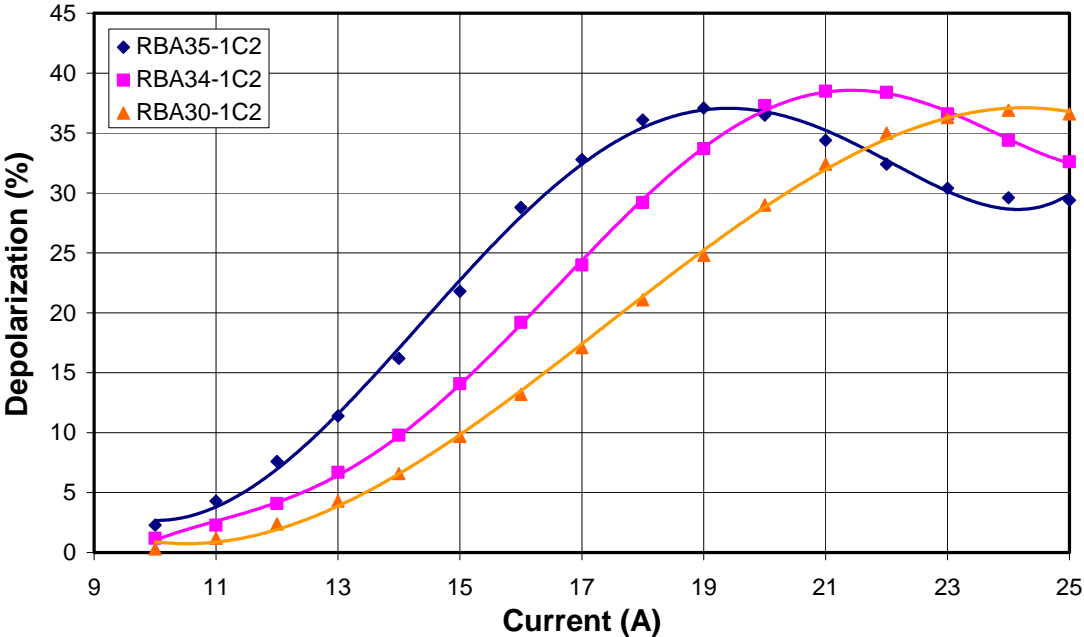
RB Plus Depolarization 2mm Rod



Note: All curves are typical beginning of life performance curves

RB Plus Depolarization

3mm Rod



Note: All curves are typical beginning of life performance curves