

OEM AMPLIFIER GAINBLOCK



Fibercore's GainBlock simplifies the manufacturing of high power amplifiers and lasers by providing cladding pumped erbium/ytterbium doped fiber pre-spliced to a signal and pump combiner.

The GainBlock is a packaged unit engineered to manage the high pump powers at the input and output splice points, giving thermal heat sinking to the casing for maximum reliability. The unit provides outstanding optical performance with efficiencies >32% achievable with signal power levels at 3W.

FEATURES

Advantages

- Compact package (121 x 83 x 13 mm)
- Optional output power ranges
- Simplifies engineering requirements for high power amplifier development

Typical Applications:

- CATV amplifier
- LiDAR
- Fiber lasers

Product Variants

- GB1500-3W
3W passive amplifier

To find out more visit [fibercore.com](https://www.fibercore.com)

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SPECIFICATIONS

	GB1500-3W
Operating Wavelength (nm)	1543 - 1565
Output Power (W)	≥ 3
Input Power (mW)	≥ 17
Pump Power @940nm To Reach Output Power (W)	9 typical
Pump Port 1&2	MM 105/125 0.22 NA
Input port	G652 type SM fiber
Output port	G652 type SM fiber

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