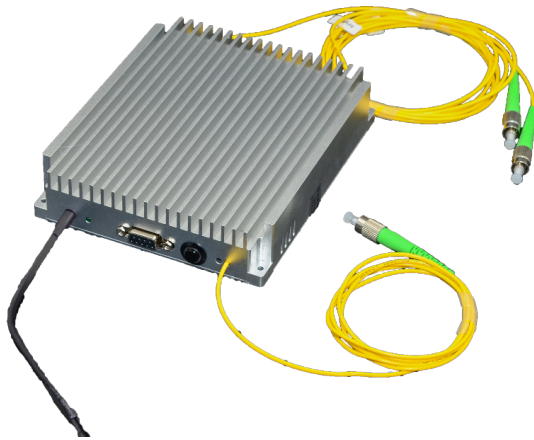


# Hybrid Module of EDFA and Raman Amplifier

## YB / RAMAN / THULIUM AMPLIFIERS



The module incorporates both erbium-doped fiber amplifier (EDFA) and first-order Raman fiber amplifier pumps within its compact design. In comparison to traditional EDFA and Raman amplification systems, the use of this module drastically simplifies system complexity, reduces overall size, and enhances reliability. It is an ideal solution for ultra-long-haul, high-capacity, high-speed optical fiber communication networks, as well as for fiber optic distributed sensing applications.

- High integration level
- Long-distance optical communication network
- High Gain
- Fiber optic distributed sensing
- Low noise figure
- Fiber Laser

### Specifications

Parameter	Specification
Operating Wavelength	C-band
Saturated output power	@-3dBm I nput
Noise Figure	@-3dBm I nput

Source: WaveQuanta product database. For ordering, customization (wavelength, power, package) and quotation, contact [sales@wavequanta.com](mailto:sales@wavequanta.com).