EDFA and YDFA fiber amplifiers

Fiber amplifiers for small-signal, booster, in-line, high-power and bidirectional optical amplification.



Representative series photograph. Packaging depends on configuration.

Technical specifications

Preamplifier input range	-45 to -25 dBm
Booster output options	10-23 dBm; adjustable
In-line amplifier input range	-25 to -3 dBm
High-power EDFA output	Up to 40 dBm
YDFA option	1064 nm; output up to 33 dBm
Bidirectional option	Matched, adjustable bidirectional gain
Control modes	ACC, APC or AGC
Fiber options	Single-mode or polarization-maintaining

Applications

Fiber communication / Fiber sensing / Fiber-laser systems

Selecting your configuration

The rows describe separate amplifier configurations. Specify wavelength band, input level, output target, noise figure and isolation; confirm optical handling limits for the chosen model.

Series options are not guaranteed combinations. Precisometer confirms the specifications, interfaces and availability of your selected configuration in a quotation.

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