YDFA (Ytterbium-doped fiber amplifier) series

The YDFA-SC series of stand-alone devices with the user-friendly front panel and OEM units are designed for a wide range of applications.

QGLex covers a wide range of applications with its high performance and high power Ytterbium doped fiber amplifiers such as Industrial and Scientific applications.

The 1μm YDFA-SCs are available with power up to 20dBm

QGLex amplifiers are available in OEM integrated packages or "plug-and-play" Benchtop format with a wide range of options such as polarization maintaining or pulse amplification.

All YDFA-SCs are available in Bench Top, 1U 19" Rack-mount, Gain Block or Module formats.

Features

- Wide range of power from 14 dBm to 20 dBm
- RS232 or USB interface
- High plug-in efficiency
- High performance-to-cost ratio
- Custom design flexibility

Applications

- Pulse signal amplification
- Industrial
- Scientific
- Instrumentation
- R&D

Specification for EYDFA Amplifiers

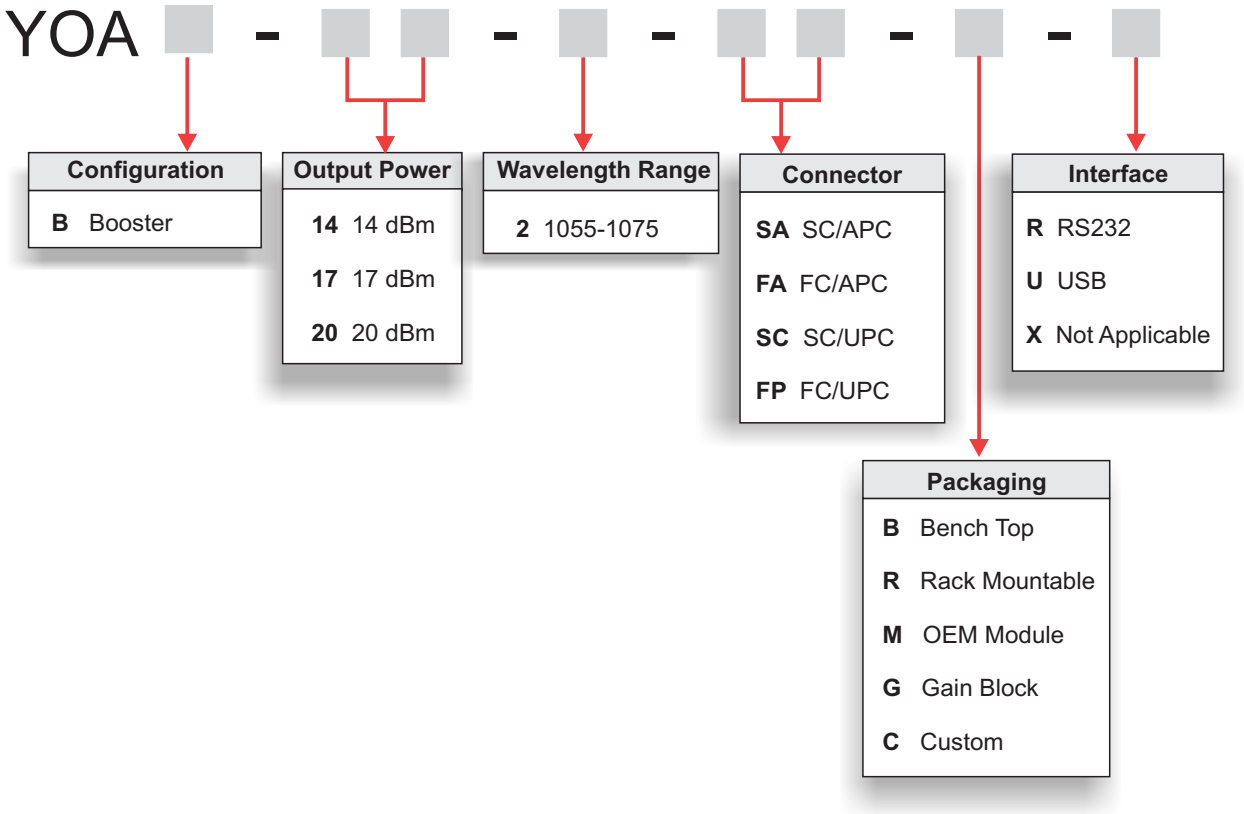
Parameters	Unit	Booster amplifier
Output power [1]	dBm	14 - 20
Wavelength range	nm	1055–1075
Noise figure [2]	dB	<10
Small signal gain [3]	dB	Up to 25
PDL	dB	<0.3
PMD	ps	<0.35
Gain flatness	dB	N/A
Operating temperature	C	0 to +45
Storage temperature	C	-40 to +85
Humidity	%	0 to 95 (Non-condensing)

(1) Pin = 0 dBm at 1064 nm.
(2) Pin = 0 dBm at 1064 nm.
(3) Pin = -20 dBm at 1064 nm.

Ordering information

Indicate your requirements by selecting one option from each configuration table.
For more information on this or other products and their availability, please contact QGLex Inc.

Sample: YOAB-17-2-SA-B-R



QGLex Inc.
105 Schneider Rd., Suite 111
Ottawa, ON, Canada
K2K 1Y3
Info@qglexinc.com
www.QGLexInc.com