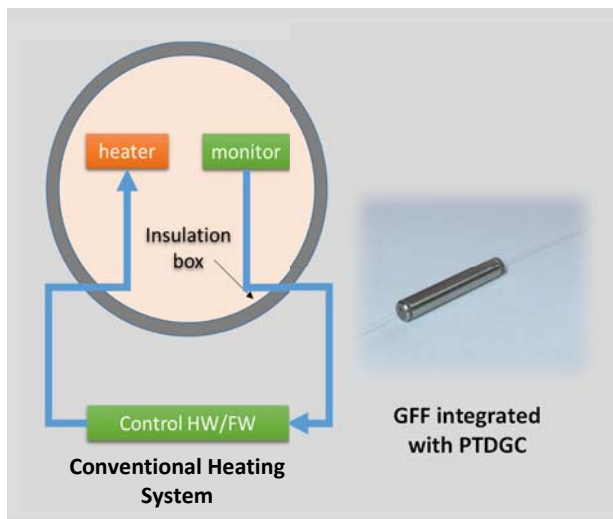


**Suzhou, China. March 2, 2015** – AFA Photonics Co., Ltd., a new provider of Erbium Doped Fiber Amplifiers (EDFAs), announced today the introduction of EDFAs integrated with the innovative Passive Temperature Dependent Gain Compensator (PTDGC).

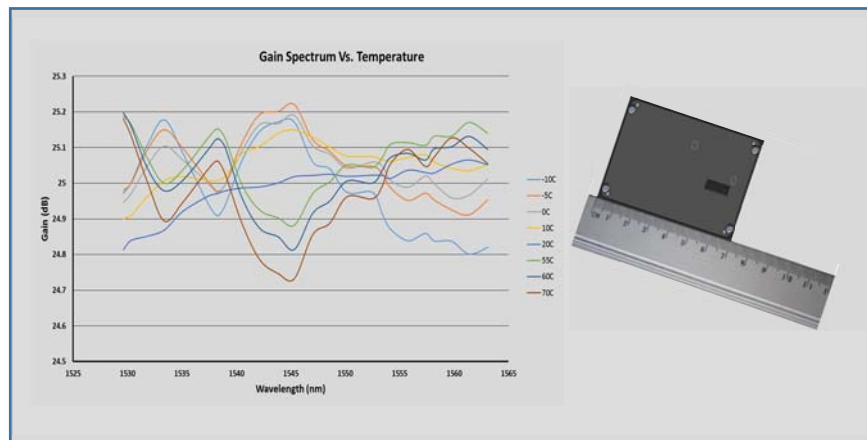
The breakthrough technology employed in PTDGC eliminated the need to use bulky temperature compensators commonly used in conventional EDFA designs to achieve low gain ripple over an extended temperature range of operation across a wide wavelength window, such as the C-band. The technology is equally applicable for amplifiers designed for the L-band.

A comparison of the conventional approach to the PTDGC technology in achieving temperature stable operation as shown in the table below indicate the superiority of the PTDGC in size, power consumption, cost, manufacturability, and ease of operation, while attaining a gain flatness of 0.8dB from -10 to 70°C, exceeding the performance of typical heater compensated modules.



Parameter	Heater used in conventional EDFA	PTDGC Technology
Dimension	DIA: 55mm, H:12mm	N/A – embedded in GFF
Power consumption	>10w	N/A
BOM cost	100%	50%
Assembly time	40 min	N/A
Control	Feedback	N/A
Gain flatness (-10 to 70°C)	1.2dB	0.8dB

The thermal stability of an EDFA gain block integrated with the PTDGC as shown is unattainable with conventional heater controlled EDFA.



The compact EDFA integrated with PTDGC is particularly advantageous in metro 100G/400G applications where space is at a premium and power consumption is a significant concern, and EDFAs are necessary to achieve the high OSNR required for these systems. The highly reliable passive and low gain ripple EDFAs will meet the performance requirements of such systems with an ease of operation that cannot be attained with conventional temperature stabilizing technologies. For further information about EDFAs from AFA Photonics, visit <http://www.afaphotonics.com>.