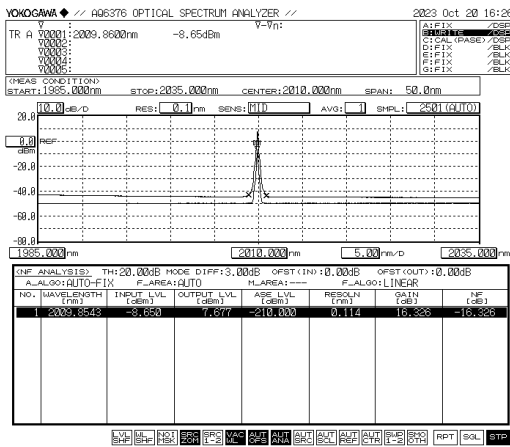


Thulium-doped fiber amplifier

YB / RAMAN / THULIUM AMPLIFIERS



Thulium-doped fiber amplifier (TDFA for short) can be used to amplify 2 μ band laser signals in the power range of -10dBm to +10dBm. The saturated output power can reach up to 40dBm. It is often used to increase the emission power of laser light sources.

Specifications

Parameter	Specification
Wavelength range (nm)	1920 ~ 2020
Input power (dBm)	-10 ~ 10
Saturated output power (dBm)	20/23/25/26/27/30/33/37/40
Noise figure (dB)	≤ 5.0
Polarization dependent gain (dB)	≤ 0.3
Polarization mode dispersion (ps)	≤ 0.5
Input/Output isolation (dB)	>35
Optical power monitoring	Output optical power monitoring
Pigtail type	Single mode: SMF-28 ; SMF-1950;
Fiber pigtail joint type	FC/APC
Working mode	automatic current control (ACC)/Automatic Power Control (APC)

- * wavelength range: * Note 1
- * saturated output power: @ 0 DBM input
- * noise figure: @ 0 DBM input

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