YDFA Series Ytterbium-Doped Fiber Amplifier

Optical Amplifiers

This ytterbium-doped fiber amplifier boosts an optical input signal in the 1 µm band. Check the seed wavelength and input power against the selected amplifier configuration.



Technical specifications

Operating wavelength range (nm)	1050 min. / 1100 max.
Input signal power range (dBm)	-3 min. / 0 typ. / 10 max.
Noise figure @ input 0 dBm (dB)	5.0 typ. / 6.0 max.
Input optical isolation (dB)	30 min.
Output optical isolation (dB)	30 min.
Return loss (dB)	40 min.
Polarization-dependent gain (dB)	0.3 typ. / 0.5 max.
Input pump leakage (dBm)	-30 max.