

ulsed Yb fiber laser



Specifications

Radiation wavelength, μm	1060–1080
Optical power of generated laser radiation, W, min	20000–50000
Output power adjustment range, %	10–100
Beam quality parameter, BPP, mm·mrad	—
Output fiber core diameter, μm	—
Optical power rise/fall time, μs max (10 to 95%, 95 to 10%)	50
Optical connector type	—
Laser operating mode	Modulated
Maximum modulation frequency, kHz	5
Power supply, Hz	3-phase, 50/60 Hz, 400–480
Power consumption, kW	67–167
Weight, kg	до 1600
Overall dimensions, mm	—
Output laser wavelength, nm	630–660
Control interfaces	RS-232, Ethernet, analog
Cooling type	Water
Operating temperature, $^{\circ}\text{C}$	15 ~ 35
Humidity, %	до 70
Storage temperature	—