Optical accessories: Pockel cell, drivers, power supply

S. N.	Specifications	Qty
1	Pockel cell driver: • Maximal operating voltage: 3.6kV • Rep-rate: 250 KHz • Rise/fall: 7ns • Power: > 75 W With aluminum housing, cables/connectors	1
2	High voltage Cavity Dumping driver. • Maximal operating voltage: 4.2kV • Rep-rate: 10 KHz • Rise/fall: 6ns • Power: >5 W With HV power supply Maximum voltage-standard options: 1.8, 2.6, 3.1, 3.6, 4.0	1
3	Diode driver (Driver for QCW mode operation and one channel bidirectional TEC control) **OUTPUT, OCW (Pulse mode):** • Input Supply voltage, control stage: **12-30 VDC** • Maximum current to laser diode: 270A • Maximum compliance voltage 80V • Duty cycle: < 20% • Current pulse raises typical range: 10-50 microsecond • Current pulse amplitude stability: 0.1% pk-pk • Current drift: < 0.2% **OUTPUT, TEC control:** • Output channel: 1	1

	• Max output current: 25A • Max output voltage: 28V	
4	Fiber Seeder with controller Specifications: • Central wavelength : 1030 ± 1 nm • Spectral bandwidth : up to 12 nm • Pulse duration from the laser : >50 ps (chirped) • Compressed pulse duration : down to 300 fs • Chirp profile : custom • Oscillator pulse repetition rate : 50 ± 2 MHz • Pulse repetition rate with pulse picker : 200 kHz – 50 MHz (PRR = PRRosc / N, N = 1, 5, 6, ..., 2000) • Output power (without/with pulse picker) : >200 mW at 10 MHz >100 mW at 1 MHz >25 mW at 100 kHz • Pulse energy (without/with pulse picker) : >250 nJ at repetition rates <200 kHz • Polarization : linear, > 10:1 extinction • Optical output : collimator & isolator node	1

	• Output fiber length • Beam diameter • Beam height • Beam quality • Pulse train monitoring • Control interface • Power supply (AC/DC adapter included)	: up to 3 m : >0.9 ± 0.1 mm : about 38 mm : $M^2 < 1.5$: photodiode output for oscillator train, TTL synch pulse for laser output :USB, CAN, RS232, LAN, 00–240 V, 50–60 Hz AC	