

980nm泵浦激光器

产品名称	980nm泵浦激光器
公司名称	上海量青光电技术有限公司
价格	1.00/个
规格参数	品牌:量青光电 型号:泵浦激光器 激光器:衰减器
公司地址	上海市奉贤区奉城镇东街98号13幢1176室(注册地址)
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产品详情

IIVI Oclaro公司980nm泵浦激光器 特点：

- High output power, up to 600mW kink free
- Single-mode fiber pigtail
- Fiber

Bragg grating stabilization for wavelength locking over the entire operating conditions

- Small form factor, hermetically sealed 10 pin mini- butterfly package
- Pin-out compatibility with 14 pin BTF package

- Internal thermoelectric heatpump and monitor photodiode
- Telcordia GR-468-CORE compliant
- Field-proven high reliability
- RoHS compliant

Product Code Minimum Kink-Free Power Pkink (mW) Maximum Operating Power Pop (mW) Maximum Operating Current Iop(mA)

CM96Z200-7* 200 180 375 CM96Z210-7* 210 190 395 CM96Z220-7* 220 200 410 CM96Z230-7* 230 210 430
 CM96Z240-7* 240 220 450 CM96Z250-7* 250 225 460 CM96Z260-7* 260 235 475 CM96Z270-7* 270 245 495
 CM96Z280-7* 280 255 510 CM96Z290-7* 290 265 530 CM96Z300-7* 300 275 545 CM96Z310-7* 310 280 555
 CM96Z320-7* 320 290 575 CM96Z330-7* 330 300 595 CM96Z340-7* 340 310 610 CM96Z350-7* 350 320 630
 CM96Z360-7* 360 325 640 CM96Z370-7* 370 335 655 CM96Z380-7* 380 345 675 CM96Z390-7* 390 355 695
 CM96Z400-7* 400 365 710 CM96Z410-7* 410 375 730 CM96Z420-7* 420 380 740 CM96Z430-7* 430 390 755
 CM96Z440-7* 440 400 775 CM96Z450-7* 450 410 795 CM96Z460-7* 460 420 810 CM96Z470-7* 470 425 820
 CM96Z480-7* 480 435 840 CM96Z490-7* 490 445 855 CM96Z500-7* 500 455 875 CM96Z510-7* 510 465 895
 CM96Z520-7* 520 475 910 CM96Z530-7* 530 480 920 CM96Z540-7* 540 490 940 CM96Z550-7* 550 500 955
 CM96Z560-7* 560 510 975 CM96Z570-7* 570 520 995 CM96Z580-7* 580 525 1000 CM96Z590-7* 590 535 1000
 CM96Z600-7* 600 545 1000

Notes: 1. Operating power assumes a 10% ageing margin: Operating

Power = Kink-Free Power / 1.1 Product Code Min. Typ. Max. Units Condition

CM96Z***-74 wavelength 973 974 975 nm Air reference. FBG temperatures is @ 25 C.

CM96Z***-76 975 976 977 nm Parameter Min. Typ. Max. Units Condition Threshold current

Ith 50 70 mA Operating forward voltage Vop 1.7 2.0 V Spectral width 0.2 1.0 nm

RMS at -13dB Signal to noise ratio SNR 20 dB Temperature dependence of peakwavelength

/T 0.008 0.01 nm/ °C FBG temperature dependency Monitor detector responsivity Rm 1 5
10 μ A/mW Monitor dark current Idark 50 nA -5V bias voltage Fiber power stability >30mW
20 – 30mW 10 – 20mW 5 – 10mW P_{f_t} 0.08 0.08 0.10 0.15 dB Peak-to-
peak Time =60sec DC to 50kHz Return loss RL 35 dB 1500nm – 1600nm
Thermistor BETA value 3500 4100 K Thermistor resistance Rth 9.5 10.0 10.5 k
At submount temperature of 25 ° C Heat pump current ITEC 1.7 A T_{case}= 75 ° C, I_F=1100mA
Heat pump voltage VTEC 2.6 V Heat pump power PTEC 4.4 W
Total module power consumption P_{Total} 6.6 W Notes; 1. Conditions unless otherwise stated:
Case temperature -5 to 75 ° C, Monitor diode bias -5V, CW operation 联系人 : Michael
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