

0-80mW 785nm single mode fiber Infrared Laser

FEATURES

Miniature size
Collimated straight beam
Adjustable focus
Easy use & maintenance free
Longlife operation
High efficiency
High reliability

APPLICATIONS

Thermal printing
Material Inspection
Scanning Biochemistry
Lidar

Specifications

Model No.	FU785AD80-F100SFC
Wavelength (nm)	785±5
Spectral Line width (nm)	<3
Output Power (mW)	1~80(0~Max power adjustable)
Operating Mode	CW
Transverse Mode	TEM00
Fiber core diameter (um)	4~6
Numerical aperture	0.12
Length of Fiber(cm)	100(acquiescent), 50,200(For choose)
Fiber connector	FC/PC(acquiescent),FC/APC(For choose)
Power Stability(RMS, over 4	<3%(acquiescent),<2%(For choose)
Cooling System	TEC
Power Supply	90~240VAC@50Hz
Modulating Repetition	100KHz TTL / 10KHz Analogue
Warm-up Time (minutes)	<5
Operation Temperature (°C)	0~40
Expected Lifetime (hours)	>10000
Warranty Time	12 Month
Laser dimension	102*35*35mm (L*W*H)
Power supply	150(W)x110(W)x56(H)mm3 90~240V 50/60Hz input

