

Model Number: **YDFA-CW-1064-(-3)-35-FCA-MidAcs**

Product Code: **1606**

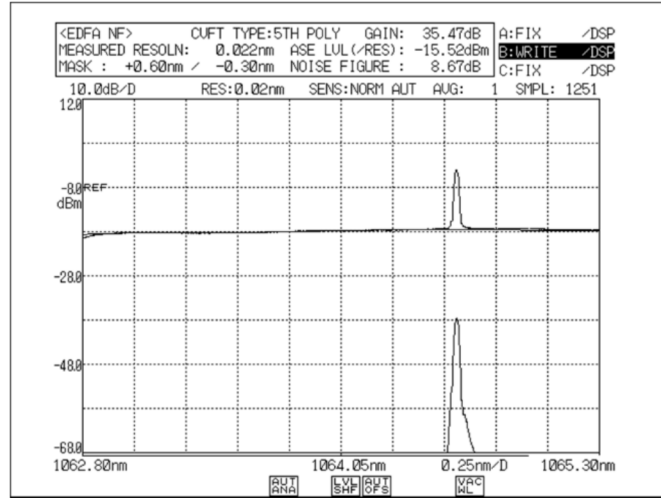
Micro Processor Controlled



Specifications:

Parameters	Specifications
Wavelength Range	1064 nm typical, +/- 1 nm
Mid-Stage Filter Bandwidth	2 nm typical, centered at 1064 nm
Output Power	-3 dBm at 1064 nm, tested with 1064 nm, -38 dBm input
Gain	35 dB, tested with 1064 nm, -38 dBm input, and 2 nm bandwidth mid-stage filter
Optical Input Fiber, two	900um loose tube, FC/APC, blue, 1 meter, HI-1060
Optical Output Fiber, two	900um loose tube, FC/APC, red, 1 meter, HI-1060
Input Power Monitoring	None
Output Power Monitoring	None
Control and Communication Interface	RS-232, UART 5V / 0 V voltage level
Dimension	90 x 70 x 15 mm
Power Input	+5 VDC +/- 5%
Electrical Interface Connector	PN: SQT-115-03-L-D, Female 30-PIN
Operational Case Temperature Range	0 to +65 °C
Mode of Operation	ACC (constant pump current control)

YTTERBIUM DOPED FIBER AMPLIFIER



Amplified 1064 nm signal, 35 dB gain, and -3 dBm signal output power (top trace)

Electrical connector:

Part number: SQT-115-03-L-D

Pin No.	Description	Pin No.	Description
1	5V Vin	2	5V Vin
3	-	4	-
5	GROUND	6	GROUND
7	Serial In	8	Serial Out
9	GROUND	10	GROUND
11	-	12	EXTERNAL RESET
13	PUMP ENABLE / DISABLE	14	OUTPUT MUTE
15	CASE TEMPERATURE ALARM	16	COMMON ALARM
17	TEMPERATURE ALARM	18	PUMP BIAS ALARM
19	LOSS OF INPUT POWER ALARM	20	LOSS OF OUTPUT POWER ALARM
21	GROUND	22	GROUND
23	INPUT POWER MONITOR	24	OUTPUT POWER MONITOR
25	GROUND	26	GROUND
27	-	28	-
29	5V Vin	30	5V Vin

