

# High Power EYDFA Module

The high-power eydfa module adopts two-stage amplifier structure, and the maximum output power can reach 40dBm. The module works in the mode of ACC/APC/AGC. Taking advantage of high precise temperature control technique, the module has great thermal properties in a broad range.

## Characteristics

- High power output
- ACC/APC/AGC control mode
- High stability and high reliability
- Customized

## Applications

- CATV
- FTTH
- Doppler radar system
- Universities and institute



## Specifications

Product Type	EYA-S-C-6-XX/XX-1-4/6 *①		
Parameters	Minimum	Typical	Maximum
Wavelength (nm)	1535	1550	1565
Input Power (dBm)	-3	-	10
Output Power (dBm)	30	-	40
Output Power Stability (dBm)		± 0.1	
Gain (dB)	-	40	-
Noise Figure (dB)		6	
Return Loss (dB)		≤ -45	
Gain Slope Accuracy (dBm)	0.6	0.8	1.0
Operating Temperature (°C)	-5	-	55
Storage Temperature (°C)	-40	-	85
Power Supply (V)	11.4	12.0	12.6
Power Consumption (W)	-	-	50
Communication Protocol	RS232/485		
Electrical Connector	TEM-115-02-03.0-FG-D-L1		
Optical Connector	FC/APC or Customized		
Pigtail Length (cm)	> 50		
Dimensions (mm)	200(L)×142(W)×30(H)		

\*① EYA-S-C-6-XX/XX-1-4/6, the first XX means output gain, and the second XX means gain