

ACP873X 4/8 CH Single-Mode Variable Optical Attenuator



ACP8734/8738 4/8 CH Single-mode Variable Optical Attenuator offers superior performances for channel balancing, power equalization, gain tilting and power adjustment of DWDM systems, optical amplifiers such as EDFA, and general purpose fiber optical test and measurement applications.

PERFORMANCE SPECIFICATIONS

Parameter	Specifications
Model #	ACP8734 4GH / ACP8738 8GH
Channel Number	4CH/8CH
Wavelength Range	1270 /1286/1290/1295/1300/1305/1310 /1330/1510/1530/1550/1570nm
Attenuator Range	0 ~ 40dB
Insertion Loss	≤1.5dB
Fiber Type	9/125um Singlemode
Connector Type	FC/UPC Connector (FC/APC Option)
Attenuation Accuracy	≤±0.1dB (0 ~ 25 dB), ≤±0.02dB By Power Control
Repeatability	≤±0.02dB
Attenuation Transition Speed	0.1 ~ 50dB/s
Averaging Time of Power Meter	1~1000 ms
Sampling Time	100ms
Return Loss	>45dB
Maximum Safe Input Power	+27dBm
Communication Interface	RS232, USB, RJ45 Control by PC
Recalibration Period	2 years
Operation Temperature	0 ~ +40°C
Storage Temperature	-30 ~ +80°C
Power Supply	100 ~ 240 V
Package Dimensions (HxWxD)	55mm x 235mm x 320mm
Weight	3.0kg

FEATURES

- Channel Balancing for DWDM Systems
- Power Equalization in Optical Add/Drop Modules
- Gain Tilting and Power Adjustment in EDFA
- Receiver protection

APPLICATION

- Continuous Tuning without Moving Parts
- Quick Startup
- Resistance of Mechanical Vibration
- Small Dimension
- Affordable Price

ACP873X 4/8 CH Single-Mode Variable Optical Attenuator

ACP873X GUI INTERFACE

Attenuator 1 -> 2	Attenuator 3 -> 4	Attenuator 5 -> 6	Attenuator 7 -> 8
-64.99dBm	-64.99dBm	-64.99dBm	-65.00dBm
Output 	Output 	Output 	Output 
α set 40.00dB	α set 40.00dB	α set 40.00dB	α set 40.00dB
P set -40.00dBm	P set -40.00dBm	P set -40.00dBm	P set -40.00dBm
Power Control OFF	Power Control OFF	Power Control OFF	Power Control OFF
Wavelength 850nm	Wavelength 850nm	Wavelength 850nm	Wavelength 850nm
Avg Time 20ms	Avg Time 20ms	Avg Time 20ms	Avg Time 20ms
α Offset 0.00	α Offset 0.00	α Offset 0.00	α Offset 0.00
P Offset 0.00	P Offset 0.00	P Offset 0.00	P Offset 0.00

ACP873X GUI11123002

File(F) View(V) Help(H)

COM11  Unconnect  Refresh  ALL ON  ALL OFF  Overview

Attenuator 1 -> 2 Attenuator 3 -> 4 Attenuator 5 -> 6 Attenuator 7 -> 8

Output   **-64.99dBm** 

Control

α set 40.00 dB  

Power Control OFF  

Wavelength 850 nm  

Power Unit dBm  

Avg Time 20 ms  

Offsets

α Offset 0.00 dB  

P Offset 0.00 dB  

 Connected Successful! 2019-04-07 13:46:17