

# ACP8134 4CH 8mW Desktop DFB Laser Source



ACP8134 is a 4CH desktop 8mW DFB Laser source which offers superior performances in testing of CWDM, DWDM components, AWG & PLC components, optical amplifiers, and other general purpose fiber optical test and measurement applications. It is designed especially for volume coupler and PLC production line applications.

ACP8134 4CH Desktop 8mW DFB Laser Source is a high performance, small dimension, fast startup, affordable optical laser source. It provides four channels of high performance, fixed wavelength laser outputs. AC Photonics can provide any four channels of 850, 980, 1250, 1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610, 1625nm wavelength laser outputs per customer's request.

## PERFORMANCE SPECIFICATIONS

Parameter	Specifications
Model #	ACP8134
Operation Wavelength	850/1310/1490/1550nm
Optional Wavelength	850, 980, 1250, 1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1430, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610, 1625nm
Wavelength Accuracy	±5nm
Output Power	≥1.0mW
Connector Type	FC/APC (Other Adaptor can be Customized)
Bandwidth (-3dB)	< 0.1nm
Bandwidth (-20dB)	< 0.5nm
Output Power Stability within 15mins	≤±0.02dB
Output Power Stability within 24 hrs	≤±0.05dB
Operating Temperature	0 to +40°C
Storage Temperature	- 30 to +80°C
Side Mode Suppression Ratio	>35dB
Package Dimensions (HxWxD)	200mm x 105mm x 250mm
Weight	2.5kg

## FEATURES

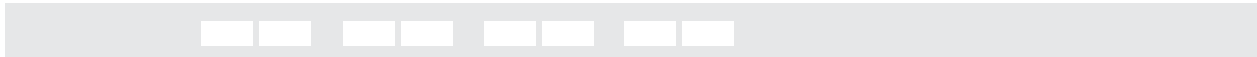
- High Performance
- Quick Startup
- Any Two Channels Difference Wavelength Selectable
- Small Dimension
- Affordable Price

## APPLICATION

- WDM, AWG, PLC Components Insertion Loss, Return Loss Test
- Fiber Sensor, Fiber Cable Test
- PMD and PDL Measurement
- Fiber Optical, Telcom R and D Lab Test

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### ORDERING INFORMATION



#### ACP8134 - Channel Wavelength (See below table)

85=850 nm	95=950 nm	25=1250 nm	27=1270 nm	29=1290 nm	31=1310 nm
33=1330 nm	35=1350 nm	37=1370 nm	39=1390 nm	41=1410 nm	43=1430 nm
45=1450 nm	47=1470 nm	49=1490 nm	51=1510 nm	53=1530 nm	55=1550 nm
57=1570 nm	59=1590 nm	61=1610 nm	62=1625 nm		

### AC PHOTONICS TEST AND MEASUREMENT SUPPORT, SERVICES AND ASSISTANCE

AC Photonics provides high performance, high value, low cost, affordable test and measurement instrument solutions for our customers. Our extensive support resources can help you choose the right AC Photonics' products for your applications and apply them successfully. Every instrument and system we sell has global warranty. All of our instruments have 18 months factory warranty.

### OUR PROMISE

All of AC Photonics test and measurement instruments and systems will meet their advertised performances and functionalities. When you select AC Photonics' products, we can verify whether they fit in your applications, help with their setup/operation, and provide more assistance in special applications.