

# ACP9034 O Band SLED Broadband Light Source



ACP9034 O Band SLED Broadband Light Source is based on SLED technology, and provides significantly more power density into a single-mode fiber than a regular LED and is 100nm wide broadband light source. It offers superior performances for testing of DWDM/CWDM components, AWG & PLC components, optical amplifiers, optical filters and other general purpose fiber optical test and measurement applications. It is designed especially for volume DWDM/CWDM filter and component production line applications.

ACP9034 O Band SLED Broadband Light Source is a high Performance, small dimension, fast startup, affordable optical broadband light source. It provides 1250 ~ 1350nm O band broadband light output.

## PERFORMANCE SPECIFICATIONS

Parameter	Specifications
Model #	ACP9034
Operation Wavelength	1255 ~ 1355nm
Bandwidth (-10dB)	≥100nm
Total Output Power	>20mW
Spectral Density	≥ -19dB/nm
Connector Type	FC/APC (Other Adaptor can be Customized)
Output Power Stability within 15mins	<±0.01dB*
Output Power Stability within 8hrs	≤±0.08dB*
Polarization Extinction Ratio	≤0.02dB
Operation Model	CW
Fiber Type	Single Mode SFM-28
Operating Temperature	0 to +70°C
Storage Temperature	- 30 to +80°C
Power Supply	AC 110 ~ 220V ±10%, 50Hz, 20W
Package Dimensions (HxWxD)	115mm x 255mm x 285mm
Weight	5.0kg

\*All spectral and power stability test is base on temperature 25 Degree, temperature tolerance ±2 degree, power on 40 minutes , CW operation mode condition.

## FEATURES

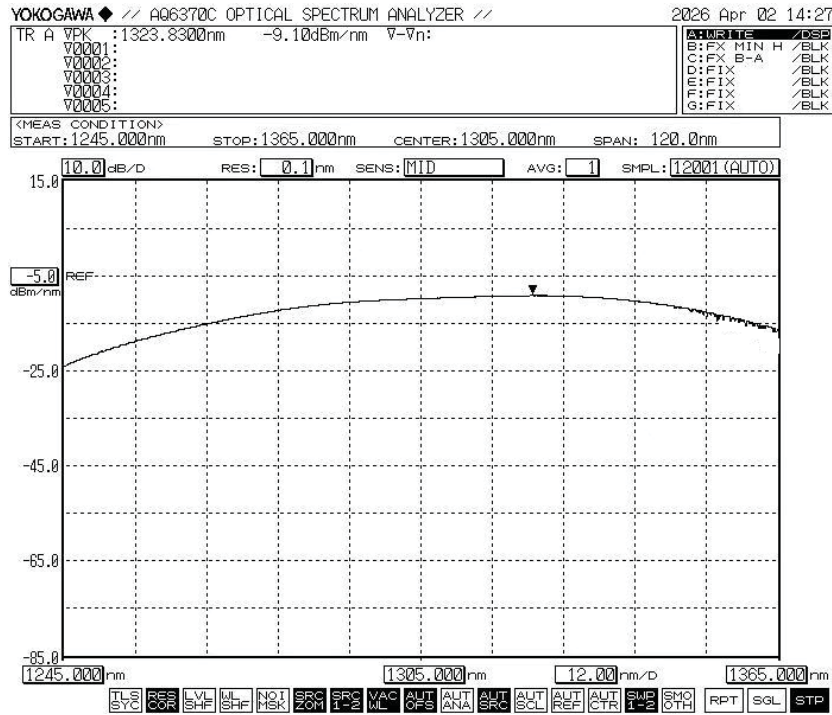
- Broadband Light Output
- High Spectral Density
- Quick Startup
- Small Dimension
- Affordable Price

## APPLICATION

- DWDM/CWDM Filters and Components Test
- Fiber Optic Parts and Components Spectrum Analysis
- Optical Coherence Tomography (OCT)
- Fiber Sensing, Fiber Cable Test
- Fiber Optical, Telcom R&D Lab Test

## ACP9034 O Band SLED Broadband Light Source

TYPICAL SPECTRUM:



One ACP9034 O Band Light Source Real Testing Spectrum

### 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.