LED Light Source

Description

LED light source with the characteristics of low polarization and mode compatibility, which is an ideal light source with low cost and high stability in multi-mode passive devices testing application. 850nm, 1310nm or 1550nm wavelengths are optional.

Features

- Low polarization and high-stability
- Mode compatibility
- Output power >50μW

Application

- Optical fiber passive devices test
- Research and laboratory application

Specification

Parameters	Units	Reference Information	
Operating wavelength ②	nm	850±30	1310±30、1550±30
Output power	μW	>50	>300
Short-term stability ①	dB	≤ 0.01 (15 minutes)	
Long-term stability ①	dB	≤ 0.08 (8 hours)	
Fiber type	μm	50/125 or 62.5/125	
Connector	-	FC/UPC or FC/APC	
Operating temperature	℃	0~+50	
Storage temperature	℃	-20~+70	
Relative humidity	-	<95% (Non-condensation)	
Power supply	-	AC 90~250V, 50~60Hz, 20W	
Dimensions (L×W×H)	mm	360×300×110	

Note: ① The test conditions are room temperature (25℃) and relative humidity change range of 5%

② -10dB Bandwidth

Order Information

OS-LED-1-2-3-4-5				
1	Package	D= Desktop	-	-
2	Wavelength	850=850±30nm	1310=1310±30nm	1550=1550±30nm
3	Output power	50=50μW	300=300μW	XX=XXμW
4	Fiber type	M5=50/125μm	M6=62.5/125μm	-
5	Connector	FA=FC/APC	FU=FC/UPC	-