



LED625-5F0

- Fiber Coupled LED
- 625 nm
- 5 mW CW
- 600 μm fiber
- CE certified
- 1 Year warranty



Description

LED625-5F0 is a fiber coupled LED, emitting at a wavelength of typically **625 nm**, with an output power of **5 mW at the tip of the 600 μm fiber**. It consists of the LED unit with SM905 connector and a 1 m 600 μm fiber, a control unit, and a separate power supply, supporting a wide input voltage range of 90-260 VAC. TTL or Analog modulation and different fibers (400, 600, 800, 1000 μm) are optionally available. **LED625-5F0** is RoHS compliant, CE certified, and comes with a **1 Year warranty**

Electro-Optical Characteristics ($T_{\text{CASE}} = 25^{\circ}\text{C}$)

Parameter	Values	Unit
Wavelength	625	nm
Half Width	17	nm
Output Power	5 mW (with 600 μm fiber)	mW
Operating Mode	CW	
Fiber Core Diameter	400*, 600, 800*, 1000*	μm
Fiber Length	~ 1	m
Fiber NA	0.22	
Fiber Connector	SMA905	
Maximum Current	1000	mA
Forward Voltage	2.2	V
Warm-up time	< 5	min
Operating Temperature	10 ~ 35	$^{\circ}\text{C}$
Storage Temperature	-20 ~ 80	$^{\circ}\text{C}$
Input Power	5 VDC, 5 A	
Power Supply	100-240	VAC
Expected Lifetime	10000	hours

* optionally available





Options

Options	Description
Modulation input	TTL or Analog modulation input

Outline Dimensions

