



## LED808-5F0

- Fiber Coupled LED
- 808 nm
- 5 mW CW
- 600  $\mu\text{m}$  fiber
- CE certified
- 1 Year warranty



### Description

**LED808-5F0** is a fiber coupled LED, emitting at a wavelength of typically **808 nm**, with an output power of **5 mW at the tip of the 600  $\mu\text{m}$  fiber**. It consists of the LED unit with SM905 connector and a 1 m 600  $\mu\text{m}$  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  $\mu\text{m}$ ) are optionally available. **LED808-5F0** 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
<b>Wavelength</b>	<b>808</b>	<b>nm</b>
Half Width	25	nm
<b>Output Power</b>	<b>5 mW (with 600 <math>\mu\text{m}</math> fiber)</b>	<b>mW</b>
Operating Mode	CW	
<b>Fiber Core Diameter</b>	400*, <b>600</b> , 800*, 1000*	$\mu\text{m}$
Fiber Length	~ 1	m
Fiber NA	0.22	
Fiber Connector	SMA905	
Maximum Current	500	mA
Forward Voltage	3.6	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	<b>VAC</b>
Expected Lifetime	10000	hours

\* optionally available





## Options

Options	Description
Modulation input	TTL or Analog modulation input

## Outline Dimensions

