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LED405-4F2

- Fiber Coupled LED
- 405 nm
- 4.2 mW CW
- 600 µm fiber
- CE certified
- 1 Year warranty



ROHS
COMPLIANT

Description

LED405-4F2 is a fiber coupled LED, emitting at a wavelength of typically **405 nm**, with an output power of **4.2 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. **LED405-4F2** is RoHS compliant, CE certified, and comes with a **1 Year warranty**

Electro-Optical Characteristics (T_{CASE} = 25°C)

Parameter	Values	Unit
Wavelength	405 ± 5	nm
Half Width	12	nm
Output Power	4.2 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	1400	mA
Forward Voltage	3.5	V
Warm-up time	< 5	min
Operating Temperature	10 ~ 35	°C
Storage Temperature	-20 ~ 80	°C
Input Power	12 VDC, 7 A	
Power Supply	100-240	VAC
Expected Lifetime	10000	hours

* optionally available





Options

Options	Description
Modulation input	TTL or Analog modulation input

Outline Dimensions

