

# Fiber pigtailed single LED packages

## Description

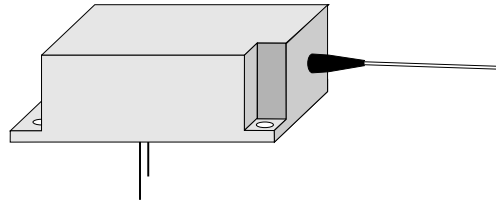
An efficient coupling of light emitting diodes into optical fibers has been a major problem for photonics industry for years. In a new revolutionary approach Doric Lenses Inc has developed efficient fiber coupling process within a small package. This novel micro-optic approach is well suited for coupling LEDs into multimode optical fibers. The coupling efficiency is dependent on diode type, fiber core diameter and its NA.

## Specifications

- LED type
- Optical fiber
- Fiber length L(m)
- Fiber termination

- Package size
- Fiber coupled power

Most of T- 1 ¼ LEDs  
any multimode optical fiber  
from 1 m  
cleaved (CL)  
metal ferrule(MF)  
zirconia ferrule (ZF)  
FC/PC connectors  
see drawing



specified for each configuration at nominal current, voltage and temperature

## Ordering information

The ordering code is:

**1LEDpigtail\_LED Type\_Fiber Type\_L(m)\_Fiber Termination**

Example: 1LEDpigtail\_NICHIA GREEN LED NSPG500S\_FT-400-EMT\_2\_CL

## Applications

All kinds of illumination application, night vision and military in general, sensors, robotics, medical applications, industrial, telecom (fiber faults locators) etc.