

# Multi-Gigabit SFP Fiber Module

WI-SFP10SC-3KM | WI-SFP10LC-3KM | WI-SFP10SC-20KM | WI-SFP10LC-20KM | WI-SFP20-20KM  
WI-SFP20-10G-20KM | WI-SFP30 | WI-SFP30-10G Thailand Project Version

## Overview

Wi-Tek Multi-Gigabit SFP Fiber Module is designed to extend transfer distances up to 20km with different fiber connectors. Single mode SFP module and multi-mode SFP module, which allows users to select the appropriate transceiver according to the required optical range for the network. The most common optical transceiver is 1310nm wavelength for a maximum of 20km with single mode fiber optics. Copper-based SFP modules primarily are 1000BASE-T and 1000BASE-TX SFP modules used in gigabit Ethernet networking within 100 meters. According to the transmission speed, Wi-Tek SFP module can provide the 10Gbps or 1.25Gbps modules.

## Features

- Multi-Gigabit speed options as your needs
- Plug and play, zero configuration
- Durable metal casing, long life-time service
- Meet harsh environment with temperature: 0°C~70°C (32°F~158°F)



# Specifications



| Model             | WI-SFP10SC-3KM   | WI-SFP10LC-3KM | WI-SFP10SC-20KM | WI-SFP10LC-20KM |
|-------------------|--|----------------|-----------------|-----------------|
| Data Rate         | 1.25Gbps   |                |                 |                 |
| Max. Cable Length | 3km  |                | 20km            |                 |
| Wavelength        | A: Tx1310nm/Rx1550nm<br>B: Tx1550nm/Rx1310nm   |                |                 |                 |
| Power Supply      | 3.3V   |                |                 |                 |
| Media             | Single-mode fiber (SMF)  |                |                 |                 |
| Connector         | Simplex SC   | Simplex LC     | Simplex SC      | Simplex LC      |
| Others            |  |                |                 |                 |
| Material          | Stainless Steel  |                |                 |                 |
| Safety & Emission | FCC&CE   |                |                 |                 |
| Environment       | Operating Temperature: 0°C~70°C (32°F~158°F)<br>Storage Temperature: -40°C~80°C (-40°F~176°F)<br>Operating Humidity: 10%~90% non-condensing<br>Storage Humidity: 5%~90% non-condensing |                |                 |                 |



| Model             | WI-SFP20-20KM  | WI-SFP20-10G-20KM  | WI-SFP30   | WI-SFP30-10G  |
|-------------------|--|--|--|---|
| Data Rate         | 1.25Gbps   | 10Gbps   | 1000Mbps   | 10Gbps  |
| Max. Cable Length | 20km   |  | 100BASE-TX: UTP cat .5 or above (max. 100m)<br>1000BASE-T: UTP cat.5e or above (max. 100m) | 100BASE-TX: UTP cat .5 or above (max. 100m)<br>1000BASE-T: UTP cat.5e or above (max. 100m)<br>10GBASE-T: UTP cat.6a or above (max. 30m) |
| Wavelength        | 1310nm   |  | N/A  |   |
| Power Supply      | 3.3V   |  |  |   |
| Media             | Single-mode fiber (SMF)  |  | 1*1000Mbps Ethernet Port   | 1*10Gbps Ethernet Port  |
| Connector         | Duplex LC  |  | RJ-45 Port   |   |
| Others            |  |  |  |   |
| Safety & Emission | FCC&CE   |  |  |   |
| Environment       | Operating Temperature: 0°C ~70°C (32°F~158°F)<br>Storage Temperature: -40°C ~80°C (-40°F~176°F)<br>Operating Humidity: 10%~90% non-condensing<br>Storage Humidity: 5%~90% non-condensing | Operating Temperature: 0°C ~70°C (32°F~158°F)<br>Storage Temperature: -40°C ~80°C (-40°F~176°F)<br>Operating Humidity: 10%~90% |  |   |



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Technical Support



Cloud Management



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