

Multi-Gigabit SFP Modules

Overview

Wi-Tek SFP Modules are introduced to extend transferring distance. Inserted into our managed switches, they can extend the long distances up to 20KM, which basically meets the distance demand for LAN. Users choose the SFP modules based on their real and specific demands.

Features

• Multi-Gigabit Speed Options as Your Needs

- WI-SFP10LC-2.5G-20KM (SMF, Simplex LC, 2.5G, 20km, A: Tx1310nm/Rx1550nm B: Tx1550nm/Rx1310nm, DDM)
- WI-SFP10LC-10G-20KM (SMF, Simplex LC, 10G SFP+ LR, 20km, A:Tx1330nm/Rx1270nm B:Tx1270nm/Rx1330nm, DDM)
- WI-SFP20-2.5G-20KM (SMF, Duplex LC, 2.5G, 20km, 1310nm, DDM)
- WI-SFP21L-550(MMF, Duplex LC, 1.25G, 550m, 850nm, DDM)
- WI-SFP10SC-3KM (SMF, Simplex SC, 1.25G, 3km, A: Tx1310/Rx 1550nm, B: Tx:1550/Rx1310nm, DDM)
- WI-SFP10LC-3KM (SMF, Simplex LC, 1.25G, 3km, A: Tx1310/Rx 1550nm, B: Tx:1550/Rx1310nm, DDM)
- WI-SFP10SC-20KM (SMF, Simplex SC, 1.25G, 20km, A: Tx1310/Rx 1550nm, B: Tx:1550/Rx1310nm, DDM)
- WI-SFP10LC-20KM (SMF, Simplex LC, 1.25G, 20km, A: Tx1310/Rx 1550nm, B: Tx:1550/Rx1310nm, DDM)
- WI-SFP20-20KM (SMF, Duplex LC, 1.25G, 20km, 1310nm, DDM)
- WI-SFP20-10G-20KM (SMF, Duplex LC, 10G SFP+, 20km, 1310nm, DDM)
- WI-SFP30 (1G SFP to Rj45 Module, 100m)
- WI-SFP30-10G (10G SFP+ to Rj45 Module, 100m)

- **Plug and Play, Zero Configuration**
- **Hot Pluggable**
- **Digital Diagnostic Monitoring for Strong Diagnostic Capabilities**
- **High Compatibility**
- **Lower Power Consumption**
- **Withstand Harsh Environment Conditions with Temperature: 0°C~70°C (32°F~158°F)**

Specifications



| Model | WI-SFP10LC-2.5G-20KM | WI-SFP10LC-10G-20KM | WI-SFP20-2.5G-20KM | WI-SFP21L-550 |
|----------------------|--|---|--------------------|---|
| Data Rate | 2.5Gbps | 10Gbps | 2.5Gbps | 1.25Gbps |
| Max. Cable Length | 20KM | | | 550M |
| Wavelength | A: Tx1310nm/Rx1550nm B: Tx1550nm/Rx1310nm | A:Tx1270nm/Rx1330nm B:Tx1330nm/Rx1270nm | 1310nm | 850nm |
| Transmitter Type | DFB | | | VCSEL |
| Receiver Type | PIN/TIA | | | |
| Tx Power | -6~0dBm | -6~1dBm | -6~0dBm | -9~-3dBm |
| Receiver Sensitivity | <-22dBm | <-14dBm | <-18dBm | <-18dBm |
| Power Consumption | ≤1W | ≤1W | ≤1W | ≤1W |
| Power Supply | 3.3V | | | |
| Fiber Type | Single-Mode | | | Multi-Mode |
| Connector | Simplex LC | | Duplex LC | |
| DDM | Supported | | | |
| Protocol | SFP MSA Compliant, ITU-T G.957 | MSA SFF-8472, MSA SFF-8431, IEEE 802.3ae-2002 | SFP MSA Compliant | SFP MSA.MSA SFF-8472. IEEE 802.3Z |
| Others | | | | |
| Certification | CE, FCC, UKCA, RoHS, RCM | | | |
| Environment | Operating Temperature: 0°C ~ 70°C (32°F ~ 158°F) Storage Temperature: -40°C ~ 85°C (-40°F ~ 185°F) Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing | | | |



| 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 B: Tx1550nm/Rx1310nm | | | |
| Transmitter Type | FP | | DFB | |
| Receiver Type | PIN/TIA | | | |
| Tx Power | -9~-3dBm | | | |
| Receiver Sensitivity | <-21dBm | | <-22dBm | |
| Power Consumption | ≤1W | | | |
| Power Supply | 3.3V | | | |
| Fiber Type | Single-Mode | | | |
| Connector | Simplex SC | Simplex LC | Simplex SC | Simplex LC |
| Protocol | SFP MSA Compliant, MSA SFF-8472, IEEE802.3ah | | | |
| Others | | | | |
| Certification | CE, FCC, UKCA, RoHS, RCM | | | |
| Environment | Operating Temperature: 0°C ~ 70°C (32°F ~ 158°F) Storage Temperature: -40°C ~ 80°C (-40°F ~ 176°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing | | | |



| Model | WI-SFP20-20KM | WI-SFP20-10G-20KM | WI-SFP30 | WI-SFP30-10G |
|----------------------|--|---|--|---|
| Data Rate | 1.25Gbps | 10Gbps | 1Gbps | 10Gbps |
| Max. Cable Length | 20km | | 100BASE-TX: UTP cat .5 or above (max. 100m) 1000BASE-T: UTP cat.5e or above (max. 100m) | 100BASE-Tx: UTP CAT.5E or above (max. 100m) 1000BASE-T: UTP CAT.5E or above (max. 100m) 2.5GBASE-T: UTP CAT.5E or above (max. 100m) 5GBASE-T : UTP CAT.5E or above (max. 80m) 10GBASE-T: UTP CAT.6A or above (max. 50m) |
| Wavelength | 1310nm | | / | |
| Transmitter Type | FP | DFB | | |
| Receiver Type | PIN/TIA | | | |
| Tx Power | -9~-3dBm | | / | / |
| Receiver Sensitivity | <-22dBm | <-14dBm | / | / |
| Power Consumption | ≤1W | ≤1W | ≤0.5W | ≤2W |
| Power Supply | 3.3V | | | |
| Media | Single-Mode | | Ethernet RJ45 Port | |
| Connector | Duplex LC | | RJ-45 Port | |
| DDM | Supported | | Not Supported | |
| Protocol | SFP MSA Compliant, MSA SFF-8472, IEEE802.3Z | MSA SFF-8472, MSA SFF-8431, IEEE 802.3ae-2002 | SFP MSA, IEEE802.3 Gigabit Ethernet | SFP+ MSA, IEEE802.3an |
| Others | | | | |
| Certification | CE, FCC, UKCA, RoHS, RCM | | | |
| Environment | Operating Temperature: 0°C ~ 70°C (32°F ~ 158°F) Storage Temperature: -40°C ~ 80°C (-40°F ~ 176°F) Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing | | | |



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Technical Support



Cloud Management



Company Website