

Datasheet

Industrial 10G SFP Modules

WI-SFP20L-10G-20KM-I | WI-SFP10L-10G-20KM-I

Overview

Wi-Tek Industrial 10G SFP transceiver modules are introduced to extend transferring distance up to 20km, which meets the distance demand for LAN. With built-in digital diagnostic monitoring, it allows access to real-time operating parameters. They are built to withstand harsh climate with temperature from -40°C to 85°C , which ensures normal operation in various environment. Users choose the SFP transceiver module based on the real demands.

Features

- **Plug and Play, Zero Configuration**
- **Hot Pluggable**
- **Digital Diagnostic Monitoring for Strong Diagnostic Capabilities**
- **High Compatibility**
- **Lower Power Consumption Less Than 1W**
- **Withstand Harsh Environment with Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim 185^{\circ}\text{F}$)**

Specifications



Model	WI-SFP20L-10G-20KM-I	WI-SFP10L-10G-20KM-I
Data Rate	10Gbps	
Max.Cable Length	20km	
Wavelength	1310nm	A: Tx1270nm/Rx1330nm B: Tx1330nm/Rx1270nm
Transmitter Type	DFB	
Receiver Type	PIN/TIA	
Tx power	-7~-1dBm	-6~-1dBm
Receiver Sensitivity	<-14dBm	
Power Consumption	≤1W	
Power Supply	3.3V	
Fiber Type	Single-Mode	
Connector	Duplex LC	Simplex LC
DDM	Supported	
Protocol	MSA SFF-8472, MSA SFF-8431, IEEE 802.3ae-2002	MSA SFF-8472 MSA SFF-8431, IEEE 802.3ae-2002
Others		
Certification	CE, FCC, UKCA, RoHS, RCM	
Environment	Operating Temperature: -40°C~85°C (-40°F ~ 185°F) Storage Temperature: -40°C~85°C (-40°F ~ 185°F) Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing	



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Technical Support



Cloud Management



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