Datasheet

Industrial 1.25G SFP Modules

WI-SFP10S-3KM-I | WI-SFP10L-3KM-I | WI-SFP10S-20KM-I
WI-SFP10L-20KM-I | WI-SPF20L-20KM-I | WI-SFP21L-550-I

Overview

Wi-Tek Industrial 1.25G 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℃ to 85℃, 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℃~85℃ (-40°F~185°F)

Specifications

Model	WI-SFP10S-3KM-I	WI-SFP10L-3KM-I	WI-SFP10S-20KM-I	WI-SFP10L-20KM-I	WI-SPF20L-20KM-I	WI-SFP21L-550-I
Data Rate	1.25Gbps					
Max.Cable Length	3km		20km			550m
Wavelength	A: Tx1310nm/Rx1550nm B: Tx1550nm/Rx1310nm				1310nm	850nm
Transmitter Type	FP		DFB		FP	VCSEL
Receiver Type	PIN/TIA					
Tx power	-9~-3dBm					
Receiver Sensitivity	<-21dBm		<-22dBm			<-18dBm
Power Consumption	≤1W					
Power Supply	3.3V					
Fiber Type	Single-Mode					Multi-Mode
Connector	Simplex SC	Simplex LC	Simplex SC	Simplex LC	Duplex LC	
DDM	Supported					
Protocol	SFP MSA Compliant, MSA SFF-8472, IEEE802.3ah				SFP MSA Compliant, MSA SFF-8472, IEEE802.3Z	SFP MSA, MSA SFF-8472, IEEE 802.3Z
Others						
Certification	CE, FCC, UKCA, RoHS, RCM					
Environment	Operating Temperature: -40℃ ~ 85℃ (-40°F ~ 185°F) Storage Temperature: -40℃ ~ 85℃ (-40°F ~ 185°F) Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing					

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