

OLT Class C+/C++ SFP



WI-SFP51S-20KM-C1 | WI-SFP51S-20KM-C2

Overview

Wi-Tek OLT class C+/C++ transceiver is designed for GPON system to provide exceptional performance and reliability. The GPON OLT class C+/C++ transceiver features an SFP encapsulation type, ensuring high compatibility with most network devices. It provides transmission rates of up to 2.5G-TX/1.25G-RX, reaching a link up to 20km via an SC/PC connector. It also supports DDM digital diagnostic monitoring functions, ensuring users can easily identify any potential issues and troubleshoot them accordingly. Besides, it is fully compliant with SFF-8472, ITU-T G.984.2, and RoHS.

Features

- . SFP with SC/PC Connector Transceiver
- . 1490nm DFB TX with isolator and 1310nm APD RX
- . Transmission Rate of up to 2.5Gbps-TX/1.25Gbps-RX
- . Max Transmission Distance of up to 20km
- . Plug and Play, Zero Configuration
- . Hot Pluggable
- . DDM for Strong Diagnostic Capabilities
- . RX Fast Burst Mode Detection
- . Compliant with SFF-8472, ITU-T G.984.2, and RoHS
- . 0~70°C Operation Temperature

Specifications



Model	WI-SFP51S-20KM-C1	WI-SFP51S-20KM-C2
Form Factor	SFP	
Max Transmission Distance	20km	
Wavelength	1490nm-TX/1310nm-RX	
Data Rate	2.488G-TX/1.244G-RX	
Connector	SC/PC	
Media	SMF	
Transmitter Type	DFB	
Receiver Type	APD	
Tx Power	3~8dBm	4.5~10dBm
Rx Power	-28~ -8dBm	
Class	C+	C++
Max Link Budget	33dB	36.5dB
Receiver Overload	>-12dBm	
Receiver Sensitivity	<-30dBm	<-32dBm
Power Consumption	<1.5W	
Extinction Ratio	<9dB	
Application	GPON	
Protocols	SFF-8472, ITU-T G.984.2, RoHS	
DDM	Supported	
Operating Temperature	0~70°C Operation Temperature	



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Technical Support



Cloud Management



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