

SFP-51 Series



10GBase-SR/LR/BX SFP+ Fiber Transceiver with SFF-8472 DMI

Features

- Optical interface compliant with IEEE 802.3ae
- Electrical interface compliant with SFF-8431
- Compliant with SFF-8472 Digital Diagnostic Monitoring Interface (DMI)
- Hot-pluggable
- Low power consumption
- All-metal housing for superior EMI performance
- Cost-effective SFP+ solution to enable higher port densities and greater bandwidth

Description

Connection Technology Systems SFP+ (Small Form-factor Pluggable) transceiver complies with IEEE 802.3ae 10Gbps Base-SR/LR/BX standards and also provides DMI (Diagnostic Monitoring Interface) function, which allows real-time access to device operating parameters such as transceiver temperature, laser bias current, transmitted optical power, received optical power and transceiver supply voltage.

SFP+ fiber transceiver can go with CTS media converters that support SFP+ modules. Furthermore, SFP+ fiber transceiver can be mixed and matched on a given converter or switch to maximize flexibility. However, the connection and associated ports at the remote end must match the chosen SFP+ connection type. A list of common SFP+ modules available from CTS is provided in ORDER INFORMATION.

Order Information

SFP-51

Model	Fiber Port					Operating Temperature
	Speed	Type	Connector	Distance	Wavelength	
SFP-51FC	10Gbps	MM	LC	300M	850nm	0°C ~ 70°C
SFP-51FC(SM-10/20)	10Gbps	SM	LC	10/20KM	1310/1310nm	0°C ~ 70°C
SFP-51W2A(SM-10/20)	10Gbps	WDM	LC	10/20KM	TX: 1270/1270nm	0°C ~ 70°C
					RX: 1330/1330nm	
SFP-51W2B(SM-10/20)	10Gbps	WDM	LC	10/20KM	TX: 1330/1330nm	0°C ~ 70°C
					RX: 1270/1270nm	