

DWDM SFP 10G 40KM SM LC, DDM

Variants

53CH 28CH 26CH 21CH 22CH 23CH 24CH 56CH 55CH 54CH 27CH
25CH

Details

10G SFP+ BIDI Transceiver (80KM, Tx1550/Rx1490)

General Specifications

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Product Type	SFP+ Optical Transceiver (BIDI)	
Data Rate	Up to 11.1 Gbps (Typical 10.3125 Gbps)	
Transmission Distance	Up to 80 km	
Fiber Type	Single Mode Fiber (9/125 μ m)	
Wavelength	Transmit (Tx)	1550 nm
	Receive (Rx)	1490 nm (or reverse option)
Transmitter Type	DFB Laser	
Receiver Type	APD Photodiode	
Connector Type	LC (BIDI Single Fiber)	
Interface	2-Wire Serial (I2C, SFF-8472)	
Digital Diagnostics	DDM / DOM Supported	

Monitoring Parameters	Temp, TX Power, RX Power, Voltage, Bias Current
Power Supply	+3.3 V
Power Consumption	? 1.8 W
EMI Protection	Metal Enclosure
Compliance	SFP+ MSA, SFF-8431, SFF-8472
RoHS	RoHS-6 Compliant

Environmental Specifications

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Operating Temp (Commercial)	0°C to +70°C
Extended Temp	-10°C to +80°C
Industrial Temp	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Humidity	5% – 95% (Non-condensing)

Electrical Specifications

Electrical Specifications	
Operating Voltage	3.135 – 3.465 V
Typical Voltage	3.3 V
Control Voltage (High)	? 2 V
Control Voltage (Low)	? 0.8 V