

# D-TECH SFP 10G BIDI Tx1550/Rx 1490nm DDM

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## Variants

80km LC

## Details

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

Category	Specification
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 $\mu$ m)
Wavelength	Tx: 1550 nm / Rx: 1490 nm ( <i>or reverse option</i> )
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

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## Environmental Specifications

Category	Specification
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

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