

SM/PM Pigtailed Laser Diode at 1550nm

1550nm Coaxial Package Diode Laser

- with SM Fiber
- with PM Fiber
- Built-in PD
- Offer Customized Products
- Offer OEM Coupling Service



Part Number	STC-SLDP-1550-2-SM	STC-SLDP-1550-3-SM	STC-SLDP-1550-5-SM	STC-SLDP-1550-8-SM	STC-SLDP-1550-10-SM	STC-SLDP-1550-10-PM
Center Wavelength@25°C (nm)	1550nm					
Laser Type	FP	DFB				
Spectral Width (FWHM) (@20dB)	1nm	0.2nm				
Power (mW)	2	3	5	8	10	10
Package	Pigtail/Receptacle		Coaxial			
Tolerance (nm)	10					
Fiber Type (80cm length)	9μm SM fiber	9μm SM fiber	9μm SM fiber	9μm SM fiber	9μm SM fiber	PM UV fiber
Fiber Connector	FC/SC/SMA905					
Threshold Current (Typ.)	5mA	5mA	5mA	5mA	5mA	5mA
Operating Current (Typ.)	30mA	30mA	60mA	75mA	80mA	80mA
Operating Voltage	1.3V	1.3V	1.4V	1.4V	1.4V	1.4V
PD	Built-in					
SMRS	35dB					
PD Capacitance	----	10pF	10pF	10pF	10pF	10pF
PD Reverse Voltage	15V	15V	15V	15V	15V	15V
LD Reverse Voltage	2.0V	2.0V	2.0V	2.0V	2.0V	2.0V
Operating Temperature	-40-+85°C	-40-+85°C	-20-+50°C	-20-+50°C	-20-+50°C	-10-+50°C
Storage Temperature	-40-+100°C	-40-+100°C	-40-+100°C	-40-+100°C	-40-+100°C	-20-+85°C
Lead Soldering Temperature (10 sec.)	260°C					