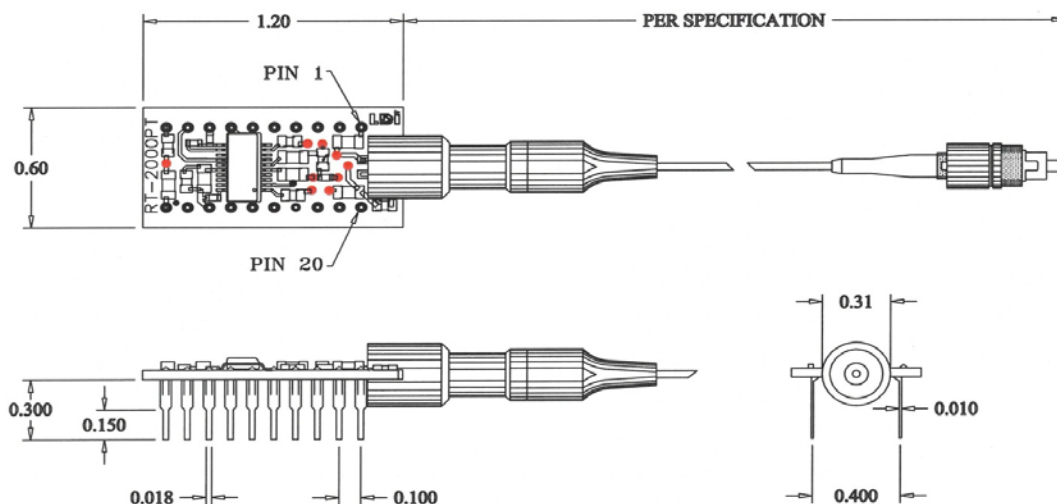


## RT 2000PT-200STL Specification

Parameter	Symbol	Conditions	Min.	Typ.	Max	Units
Optical Sensitivity	S	T=25°C, Data Rate = 155Mb, BER: $10^{-10}$ , Vs: $\pm 5.0$ VDC		-36	-34	dBm
Maximum Optical Input	P <sub>max</sub>	T=25°C, Data Rate = 155Mb, BER: $10^{-10}$ , Vs: $\pm 5.0$ VDC	-3			dBm
<i>Link Status Threshold</i>						
Flag-logic Low, Decreasing Light Input	LSTD	T=25°C, Data Rate = 155Mb, BER: $10^{-10}$ , Vs: $\pm 5.0$ VDC	-45		-36	dBm
Flag-logic High, Increasing Light Input	LSTI	T=25°C, Data Rate = 155Mb, BER: $10^{-10}$ , Vs: $\pm 5.0$ VDC	-44		-35	dBm
<i>Output Data Voltage</i>						
Low	ODVL	Measured from V <sub>cc</sub> w/ 50 ohm load to V <sub>cc</sub> -2 volts	-1.8	-1.75	-1.5	VDC
High	ODVH	Measured from V <sub>cc</sub> w/ 50 ohm load to V <sub>cc</sub> -2 volts	-1.1	-1.0	-0.88	VDC
<i>Output Flag Voltage</i>						
Low	OFVL	Measured from Ground		0.2		VDC
High	OFVH	Measured from Ground		4		VDC
Module Supply Voltage	V <sub>cc</sub>	Nominal Condition = +5.0 VDC	4.75	5	5.25	VDC
Detector Supply Voltage	V <sub>det</sub>	Nominal Condition = -5.0 VDC	-4.75	-5	-5.25	VDC
Positive Supply Current	I <sub>cc</sub>	T=25°C, Data Rate = 155Mb, BER: $10^{-10}$ , Vs: $\pm 5.0$ VDC		70	125	mA
Fiber Type	F <sub>C</sub>	Fiber Pigtail Core Size w/900um Tight Buffer		50		um
Optical Connection	C	Fiber Connector Type		ST/PC		
Fiber Length	L	Fiber Length w/ Connector	0.9	1	1.1	M
Operating Temperature Range	Top	Operating	-40		+85	°C
Storage Temperature Range	T <sub>Stg</sub>	Non-Operating	-40		+85	°C



PIN	FUNCTION
1,2,3,4,6,8,13,15,16	Ground
5,17,18,19,20	N/C
7	Data
9	Data Not
10	-5V
11	+5V
12	Flag +
14	Flag -