

650nm RECEPTACLE LASER DIODE



Features

MQW F-P LD
 Low threshold current
 High stability
 Coaxial package with SM fiber
 Built-in back-lit monitor
 Universal Adaptor (Accepts FC, SC, ST)

Applications

Visual Fault Locators

Specifications

Parameter	Smpol	Tested Condition	Min.	Typ.	Max.	Unit
Output Power	P _{out}	I _{op} =I _{th} +15	0.2	-	2.0	mW
Central Wavelength	λ	CW	640	650	660	nm
Spectral Width	$\Delta \lambda$	CW	-	-	5	nm
Threshold Current	I _{th}	CW	10	15	25	mA
Operating Current	I _{op}	CW	-	I _{th} +15	-	mA
Rise /Fall Time	Tr/Tf	CW	-	-	0.5	ns
Detector Current	I _m	Cw	0.1	0.2	0.4	mA

Absolute Maximum Ratings

Parameter	Sym.	Value	Unit
LD forward current	$I_{f(LD)}$	40	mA
LD reverse voltage	$V_{R(LD)}$	2	V
Monitor working current	$I_{f(PD)}$	2	mA
Monitor reverse voltage	$V_{R(PD)}$	25	V
Working temperature	T_{OP}	-10~+65	°C
Storage temperature	T_{ST}	-40~+85	°C
Down-lead jointing temperature/time	---	240/10	°C/S

Pin definition:

1. LD-
2. LD+&PD-
3. PD+

