

635nm RECEPTACLE LASER DIODE



Features

MQW F-P LD
 Low threshold current
 High stability
 Coaxial package with SM fiber
 Built-in back-lit monitor
 ST receptacle

Applications

Visual Fault Locators

Specifications

Parameter	Smpol	Tested Condition	Min.	Typ.	Max.	Unit
Output Power	Pout	lop=lth+15	0.2	-	2.0	mW
Central Wavelength		CW	625	635	645	nm
Spectral Width		CW	-	-	5	nm
Threshold Current	lth	CW	20	30	50	mA
Operating Current	lop	CW	-	lth+15	-	mA
Rise /Fall Time	Tr/Tf	CW	-	-	0.5	ns
Detector Current	Im	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~+50	
Storage temperature	T_{ST}	-40~+85	
Down-lead jointing temperature/time	---	240/10	/S