

820nm LED

**Features**

High output power
 Low working current
 High stability
 Wide working temperature range
 Coaxial package with MM 62.5mm fibre

Applications

Fiber optic communication
 Image transportation
 Instruments & equipment

Specifications

Parameter	Sympol	Tested Condition	Min.	Typ.	Max.	Unit
Output power	P _{out}	I _F =60mA	20	-	-	uW
Central wavelength		CW	790	820	865	nm
Spectral width		CW	-	-	170	nm
Working voltage	V _{op}	CW	-	1.7	2.0	V
Rise/Fall time	Tr/Tf	CW	-	-	4	ns

Absolute Maximum Ratings :

Parameter	Sympol	Reference Value	Unit
Forward current	I _F	150	mA
Reverse voltage	V _R	2	V
Working temperature	T _{OP}	-40 ~ +85	
Storage temperature	T _{ST}	-40 ~ +85	
Down-lead jointing temperature/time	-	240/10	/S

Pin definition:

1 . Underground	2 . LED N(-)
3 . LED P (+)	

