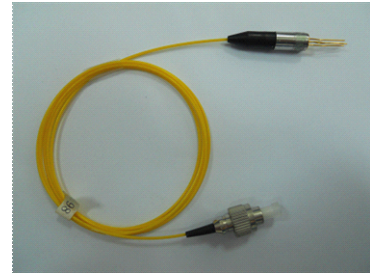


CWDM DFB Pigtail TOSA(Built-in Isolator)

FT-xx6G2xxx-00

Features:

- High stability CWDM DFB laser chip
- Data rate Up to 2.5Gbit/s
- Operate temperature from -20°C to +70°C
- SC&FC&LC Pigtail Connector
- Built-in Isolator



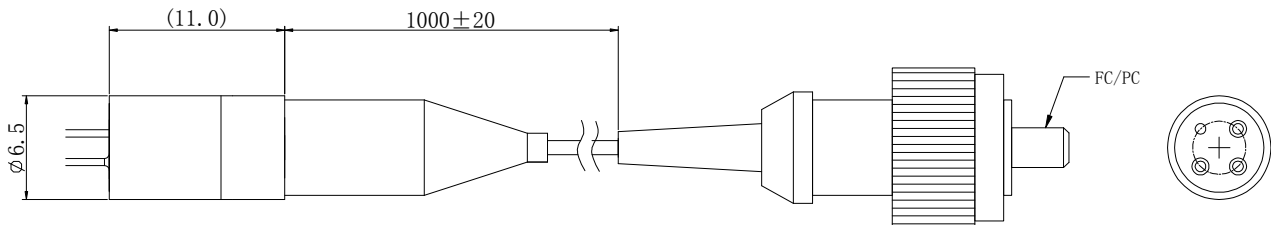
Absolute Maximum Ratings

Parameter	Symbol	Condition	Min	Max	Unit
Operating Case Temperature	T_c	--	-20	70	°C
Storage Temperature	T_{stg}	--	-40	85	°C
Lead solder Temperature	--	--		260	°C
Lead Soldering Time	--	--		10	s

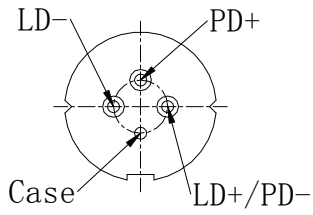
Optical/Electrical Characteristics (T=25°C, unless otherwise stated)

Parameter	Symbol	Min	Typ	Max	Unit	Test Conditions
Optical Output Power	P_o	1.5	2.5	4.0	mW	CW, $I_{op}=30mA$
Threshold Current	I_{th}	--	8	15	mA	T=25 °C
Forward Voltage	V_F	--	1.1	1.6	V	
Operating Current	I_{op}	--	30	40	mA	CW, T=25 °C
Center Wavelength	λ_c	λ_p-3	λ_p	λ_p+3	nm	CW, T=25 °C
Side-mode Suppression Ratio	SMSR	35	40	--	dB	$I_{op}=30mA$
Isolator		35			dB	
Spectral Width (-20 dB)	-	--	0.1	1.0	nm	
Rise/Fall Times	t_R, t_F	--	--	0.1	ns	20% to 80%
Monitor Current	I_{mon}	100	--	1000	μA	$V_R=5 V,$
Monitor Dark Current	I_D	--	--	0.2	μA	$V_R=5 V$

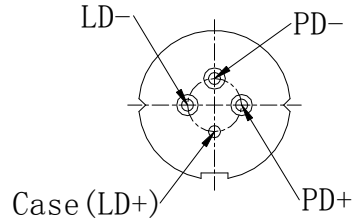
Dimensions And Pin Type



Pin Type



4A-TYPE



4S-TYPE

Order information

FT - x x 6 G 2 x x x - 0 0

