

Tunable Wavelength Light Source



Applications

Fiber-Bragg sensing
Telecom test and measurement
Spectroscopy

Features

Full C-band tuning (89 channels at 50 GHz spacing)
Adjustable output power, from 9 to 13 dBm
Up to +5 GHz detuning from ITU grid
High side-mode suppression ration > 40 dB

Specifications

Parameters	C - Band	L -Band
Tuning Range(nm)	1528.77 - 1563.86	1568.77 - 1607.47
Output Power (dBm)	7.0 – 13.0	7.0 – 10.0
Linewidth(MHz)	<3	<3
RIN(dB/Hz)	<-130	<-130
SMSR(dB)	>45	>50
Locked Frequency Accuracy(GHz)	± 1.8	± 1.8
Return Loss(dB)	>45	>50
Power Stability (dB)	< ±0.02dB/8 hour	
Fiber pigtail	SM-28 fiber or PM fiber	
Output connector	FC/PC, FC/UPC or FC/APC	
Operating temperature(°C)	0 ~ 40	
Storage temperature(°C)	-20 ~ 71	
Power supply	AC110/220V±10%, 50Hz, 20W	
Dimensions (L×W×H mm)	320×220×90 or 90×70×19	

Ordering Information

OS-T	Type	Display	Power Adjustable	Operating Wavelength	Fiber Type	Power	Connector
	M=Module D=Desk-top	0=Without 1=With	0=Without 1=With	C=C Band L=L Band	S=SM Fiber P=PM Fiber	10=10mw 20=20mw	FC/UPC FC/APC