

Device Characteristics

Configuration	Port Identification	Fiber Type	Notes
Signal input port		12/250 um NA=0.08/0.46	

Optical Performance Specifications

Parameters	Min.	Typ.	Max.	Units	PDR	Notes
Central Wavelength	1079.00	1080.00	1081.00	nm	Yes	1,2,3
FWHM (-3dB)	0.80	1.00	1.20	nm	Yes	
Reflectivity	8.0	10.0	12.0	%	Yes	4
Wavelength matching			0.20	nm	Yes	
Power handling (CW Signal)			500	W		5
Power handling (CW Pump)			1000	W		5

Mechanical and Environmental Specifications

Parameters	Value	Notes
Pigtail length	>1 m - Recoat Center - >1 m	
Recoating	Low index Polymer	

Additional Informations / Customer requirements

Blue mark on short wavelength side
Wavelength matching with FBGL2EHC9799

Note(s)

- [1] Specified at nominal operating temperature : 22°C
- [2] Optical spectrum analyser referenced to vacuum
- [3] If a polarization maintaining (PM) fiber is used, the measurement is performed along the slow axis
- [4] LP01's peak reflectivity is estimated from the measured transmission spectrum
- [5] Heatsinking is required

This part is considered under development
Specification subject to change without notice.
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