



Device Characteristics

Configuration	Port Identification	Fiber Type	Notes
Signal input port		14/250 um NA=0.07/0.46	

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)	0.90	1.00	1.10	nm	Yes	
Reflectivity	8.0	10.0	12.0	%	Yes	4
Wavelength matching			0.20	nm	Yes	
Power handling (CW Signal)			1500	W		5
Power handling (CW Pump)			1500	W		5

Mechanical and Environmental Specifications

Parameters	Value	Notes
Pigtail length	>1 m - Package Center - >1 m	
Packaging	High Power	
Package dimensions	60.0 x 12.0 x 6.5 mm	

Additional Informations / Customer requirements

Blue mark on short wavelength side
Wavelength matching with FBGL4EHC10448

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

Made in Canada

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This Product is
 ROHS
 Compliant
 ISO 9001:2008
 EU Directive 2011/65/EC