

Product code FBGL4EHC4555

## DESCRIPTION Fiber Bragg Grating laser

Environmental and Mechanical Specifications	
Nominal Operating Temperature:	+22 °C
Fiber type:	20/400 DCF NA=0.06/0.46
Pigtail length [m]:	> 1.0 meter each side
Packaging/recoating:	60.0 x 12.0 x 6.5 mm

Additional information / customer requirements
Other requirements/specifications:
Low wavelength side marking: Blue mark
Power handling : >1000W signal Power handling : >1000W pump (915nm)

GRATING PARAMETERS	MIN	TYP	MAX	UNITS	NOTES	PDR
Central wavelength <sup>1,2,3</sup>	1079.0	1080.0	1081.0	nm		y
FWHM (-3dB)	1.8	2.0	2.2	nm		y
Reflectivity <sup>4</sup>	99.5			%		y
Wavelength matching with FBGL4ELC4555			0.2	nm		y

[1] Optical measurements are performed at Nominal Operating Temperature.

[2] Optical spectrum analyser referenced by default to vacuum.

[3] If a polarization maintaining (PM) fiber is used, the measurement is performed by default along the slow axis.

[4] LP01's peak reflectivity is estimated from the measured transmission spectrum.

- This part is considered under development
- Specifications subject to change without notice