

### Device Characteristics

Configuration	Port Identification	Fiber Type	Notes
Signal input port		LMA-GDF-20/400-HP-M+ (Nufern)	

### 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)	1.80	2.00	2.20	nm	Yes	
Reflectivity	99.5			%	Yes	4
Side lobe suppression ratio (SLSR)	10			dB		Best effort
Power handling (CW Signal)			1500	W		5
Power handling (CW Pump)			1500	W		5
Wavelength matching			0.20	nm	Yes	

### Mechanical and Environmental Specifications

Parameters	Value	Notes
Pigtail length	>1.15 m - Recoat Center - >1.15 m	
Recoating	Low index polymer	

### Additional Informations / Customer requirements

Blue and black marks on short wavelength side
Wavelength matching with FBGL2ELC10753

### 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

400 Montpelier Blvd, Montreal, QC, Canada, H4N 2G7, +1(514)748-4848  
 www.itftechnologies.com  
 2018MR27

This Product is  
 ROHS  
 Compliant  
 ISO 9001:2015  
 EU Directive 2011/65/EC