

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

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