

Phase shifted FBG

1th Features

Phase shifted Fiber Bragg gratings show a very narrow transmission band within its reflection bandwidth. Using special structures, even multiple transmission bands are possible.

The phase shifted FBGs can be applied to an athermal setup or a temperature stabilization, as well as to a tuning setup

2nd Application

- Highly accurate wavelength references (see [Wavelength references](#))
- ASE filtering
- Spectroscopy
- Optical CDMA

3rd . Specification

Specification	Premium	Standard
Wavelength	800 .. 1620nm	1280 .. 1340nm; 1520 ..1620nm
Reflectivity	50 .. 99%	
FWHM	custom	
Transmission bandwidth (FWHM)	0.010 ..0.100 nm	
Termination	Bare fiber, FC/PC, FC/APC, ST, SC/PC, SC/APC, DIN, SMA	
Packaging	3mm standard tube, 9mm athermal, boxed, tunable	

4th. Spectral characteristics (Examples)

