

## FBG for DWDM Application

### ● FBG for DWDM

### ● Tunable FBG

### ● Wavelength locker

### ● Ultra narrow-band filter

### ● Broad band FBG

### ● Phase shifted FBG

### ● Athermalisation

### Features

Fiber Bragg gratings are components for a wide range of applications in optical communications. The FBGs act there as in-fiber narrow band filters.

Bragg gratings are imprinted into an optical fiber by a holographic process. They can be produced with standard single mode fiber as well as with special fibers, i. e. radiation mode suppressing fiber that is used to reduce the cladding mode loss.

### Application

- DWDM technology for 2.5 Gbps and 10 Gbps systems
- ASE filtering
- Add/Drop-multiplexers for 100GHz and 50GHz channel spacing

AOS provides FBGs with custom filter shapes as well as various FBG connectors,

### Packaging

housings, and packagings for a wide range of applications. Please refer to the [specification sheet](#).



### Specification

### Premium

### Standard

Switch language



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