

[OEPAS-IAR-100]

## Isolator Array

### Features:

- Low insertion loss and polarization dependent loss
- Compact size
- Meet Telcordia requirements
- Compact package

### Applications:

- EDFAs
- Raman Amplifiers

### Product description:

The isolator array is designed with compact package, it has the same size of a single isolator but with no compromise in performance. The light from port 1(3) will go out directly from port 2 (4) with low insertion loss and the reverse light from port 2 (4) could not reach port 1 (3). It is ideal for applications where multiple isolators are required but space is very succinct. Our package technology ensures the highest quality and reliability.

### Product specifications:

Parameters	Unit	OEPAS-IAR-100	
Wavelength Range	nm	1310 ( ± 20 ), 1550 ( ± 20 )	
Number of Isolators in the Array		2 ( 1 -> 2, 3 -> 4 )	
Grade	dB	P	A
Typical Insertion Loss	dB	0.5	0.6
PDL	dB	0.05	0.10
PMD	dB	0.20	0.25
Return Loss	dB	65/60	60/55
Peak Isolation	dB	38	35
Minimum Isolation	dB	30	30
Cross Talk ( 1 -> 4, 3 -> 2 )	dB	70	60
Optical Power	mW	300	
Operating Temperature	°C	-20 ~ +60	
Storage Temperature	°C	-40 ~ +85	

\* Some limitations apply.

\*\* Tuning range can significantly vary depending on FBG specifications.

\*\*\* Recommended values. The ambient environment temperature can limit the performance, incl. the tuning range.