

[OEPAS-WBI-100]

Wideband Isolator

Features:

- Broadband (S, C and L band, cover 150 nm)
- High isolation, low insertion loss
- Low polarization dependent loss (PDL) and low polarization mode dispersion (PMD)

Applications:

- EDFAs
- Raman Amplifiers

Product description:

The wide-band isolator is excellent for wideband erbium doped fiber amplifier (EDFA) and Raman amplifier, it can provides high isolation from 1460nm to 1620nm but low insertion loss all over the wavelength range. The device is polarization independent and epoxy-free in the optical path.

Product specifications:

Parameters	Unit	OEPAS-WBI-100
Wavelength Range	nm	1460 ~ 1620
Insertion Loss	dB	0.5 (typ.)
Isolation	dB	35
PDL	dB	0.1
PMD	ps	0.05
Return Loss	dB	60
Optical Power	mW	300
Tensile Load	N	5
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.

-Isolation: Over full wavelength range @ 23°C