

Wideband Isolator

The wideband isolator is excellent for wideband erbium doped fiber amplifier (EDFA) and Raman amplifier, it can provide 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.

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 for our Isolator:

- EDFAs
- Raman Amplifiers

Specifications

Parameter	Unit	Value
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

Isolation: Over full wavelength range @ 23°C

We have unbeatable low price for this product.