

### Gradient Index Lens

#### Standard product specifications:

Diameter (D)	$\phi 1.8\text{mm} \pm 0.005\text{mm}$
Pitch (P)	0.23P @1550nm (or 1310nm)
	0.25P @1550nm (or 1310nm)
Numerical aperture (N.A.)	0.460
End face angle ( $\theta$ )	$8^\circ \pm 30'$
Insertion loss (IL)	P grade $\leq 0.15\text{dB}$ A grade $\leq 0.20\text{dB}$
Reflection loss (AR)	$R < 0.5\% @ 1550\text{nm}$ (or 1310nm)

#### Specially designed and processed product index range with special requirements:

Diameter (D unit mm)	1.0, 1.5, 1.8, 2.0, 2.6, 3.0, 4.2
Pitch (P)	0.10~0.50
Numerical aperture (N.A.)	0.37, 0.46, 0.60
End face angle( $\theta$ )	$0^\circ$ , $4^\circ$ , $6^\circ$ , $8^\circ$
Wavelength (unit nm)	380 ~ 2000
Bandwidth (unit nm)	$\pm 150$ (max Single wavelength) , $\pm 50$ (Dual wavelength)

