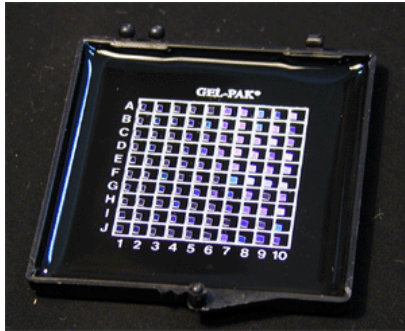




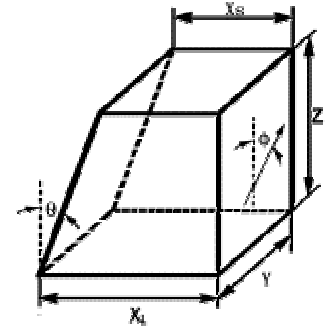
Birefringent Wedges -- For Fiber-Optic Isolators

Deqing Micro-optics provides LN wedges based on crystal's birefringent property to control and isolate the back light transmission in fiber optical isolators. As show in the following drawing, two birefringent wedges are used together with a rotator to construct the core of a fiber optic isolator.

Optical wedges for isolators -- Angles : 12 、 13 、 15



Lithium Niobate wedges



Specification of Lithium Niobate Wedges

Specifications	
Crystals	LiNbO 3
Aperture	1.25x1.25mm
Dimension Tolerance	±0.03mm
Wedge Angle Tolerance	±0.2 0
Optical Axis Orientation	±0.1 0
Flatness	λ/8 @ 632.8nm
Surface Quality	10/5
AR-Coating	R<0.25% @ central wavelength

CHINA NATIONAL SCIENTIFIC INSTRUMENTS & MATERILAS. CORP

Salse Office: Suite L, 7F, Mansion No 1, GUO DU Development Building, No.182 Chaohui Road, 310014 Hangzhou P.R.China

TEL: 0086-571-85803723 85803731 85803732

FAX: 0086-571-85803724

E-mail: sales@csimc-freqcontrol.com thwu@mail.hz.zj.cn