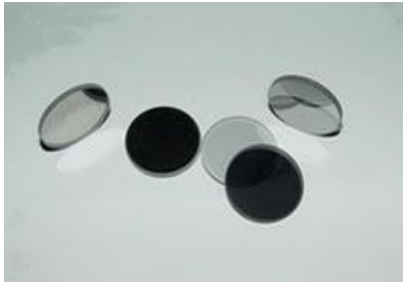
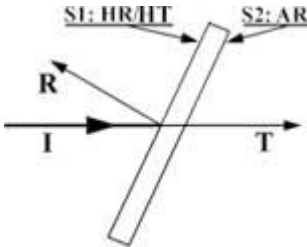
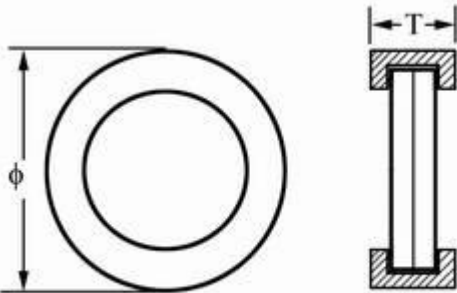
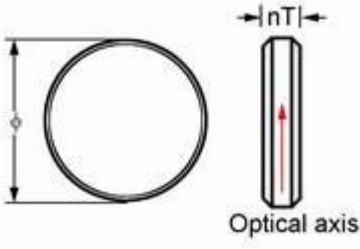


Filters

Unifibre offers many kinds of optical filters including color glass filter, neutral density filter, band pass filter, IR cut filter, IR pass filter, birefringent filter, interference filter, etc..

Color Glass Filter		It's fabricated by special color glass material. the material will absorption some wavelength and appear different colors. The applications are including camerar filter, machine vision lens filter.
IPL Filter IPL crystal		High quality IPL filter and IPL crystal (IPL light guide) by optical grade BK7, fused silica or sapphire crystal. They are used for cosmetic application, such as hair removal, vascular and acne treatment.
Neutural Density Filter		Neutral density (ND) filters are used to attenuate incident radiation without altering its spectral distribution. The neutral density value of an ND filter is related to the transmittance.
Band pass Filter		Bandpass filters are optical elements that are designed to transmit a specific spectral band with high efficiency, while reject others. The characteristics of the bandpass are controlled by multilayer dielectric coatings

IR Cut Filter		It's fabricated by special blue glass (BG39 from Schott or equivalent). The glass will absorb IR wavelength and let visible light pass. It widely used for digital camera.
Laser line interference Filter		By a cut-off type color glass filter with special multi layer coating, the interference filter has a narrow pass band.
Birefringent filter		Simphoton birefringent filter is made by crystal quartz. It's used in the laser cavity for wavelength selection. We can provide different thickenss birefringent filter for our customer's laser applications.