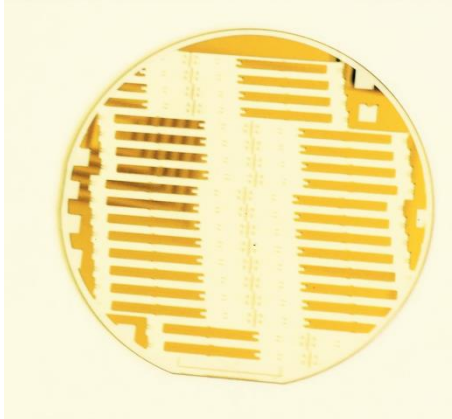
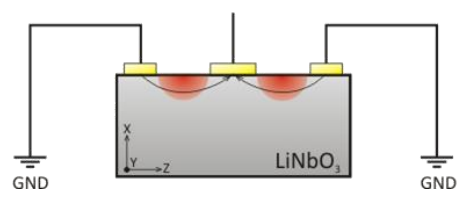




Multifunctional integrated optical chip (MIOC)



Multifunctional integrated optical chip (MIOC) is a monoblock hermetic product. It includes a linear polarizer, Y-junction coupler and two pairs of electro-optic phase modulators.

Patent: Method of fabrication of multifunction integrated optical chip on lithium niobate substrates
 Filing № 2003128668/28(030720) Priority: 25.09.2003

MIOC specifications:

Operating wavelength	$\lambda=1550\text{ nm}$	$\lambda=830\text{ nm}$
Half wave voltage	<3 V	<2 V
Polarization extinction ratio	>25 dB	>25 dB
Intensity modulation	<0.1 %	<0.1 %
Fiber-to-fiber insertion loss	<6 dB	<7 dB

