

PCB4Q-C-1030 BBO Pockels cell with four BBO crystals

Crystal size: 4x4x20 mm

Clear aperture: diameter 3.5 mm

Half wave voltage at 1030 nm: $< 2 \times 2.5$ kV DC

Quarter wave voltage at 1030 nm: $< 2 \times 1.2$ kV DC

Capacitance: $2 \times < 6$ pF

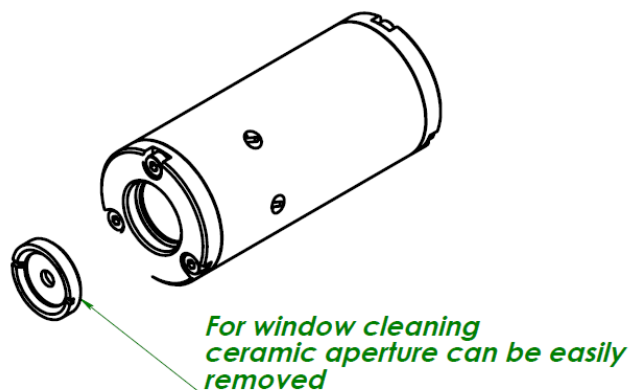
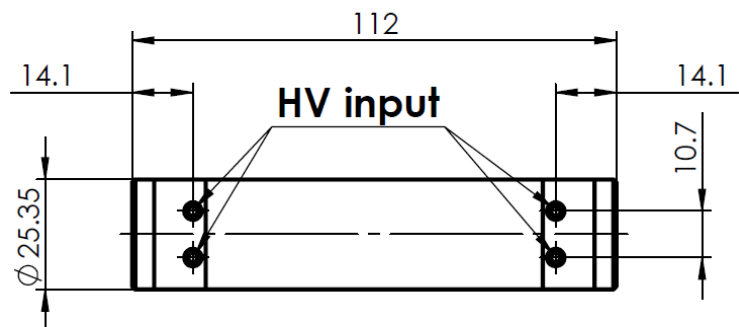
Optical transmission: > 98 % at 1030 nm

Contrast ratio in crossed polarizers (ICR): $> 1:500$ (no voltage is applied)

Damage threshold of AR coatings: > 0.5 GW/cm² (5 J/cm²), 1064 nm, 10 Hz, 10 ns

With ceramic apertures and protective windows on both ends

Cell size: diameter 25.4 mm x 112 mm (L)



Outline picture and drawing of **PCB4Q** BBO Pockels cell

The specifications are subject to change without any notice in advance.

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