

OPO-130F periscope

The OPO-130F observation device is a new generation periscope with wide angle of vision both horizontal and vertical planes. Classic glass prisms are replaced with prisms made of organic glass.

The OPO-130F periscope is equipped with heated windows and has the optical system, which transmits light in the visible band and absorbs the laser light wave of the length 800-1200 nm.

The OPO-130F is designed for assembly in tanks, combat cars, armoured vehicles, etc.

The OPO-130F periscope has similar characteristics and dimensions to periscopes used in KTO ROSOMAK which means it can be used as their high quality replacement.

Basic tactical and technical data

Angle of vision in vertical plane	45°
Angle of vision in horizontal plane	160°
Total angle of vision in horizontal plane	65°
Total angle of vision in vertical plane	11°
Visible light transmittance	> 30%
Periscoposity [P]	130 mm
Absorption of the laser light wave of length	800 ÷ 1200 nm
Optical density (800 ÷ 1200 nm)	$D \geq 5$
Total height	217 mm
Width of the top part of the periscope	365 mm
Height of the top part of the periscope	133 mm
Width of the bottom part of the periscope	262 mm
Height of the bottom part of the periscope	74 mm
Mass	5,5 kg
