

ARROW 10

Homing head

Homing head is a part of circle for directing a rocket and is designed for providing passive homing missiles at an air target by providing the control signal for angular velocity and line of sight for bearing corner, disaggregated by two-channel control, the vertical and horizontal fin rockets. GSN provides day and night operation and target tracking in real situations during the shooting, in order to meet or departing. It also enables shooting a rocket, as the mobile and the immobile air targets: aircraft with reactive, jet engines, aircraft – missiles, helicopters and planes to transport aircraft.

It can operate in two diapason spectrum :

- "F" channel to the visible range of the background of the uniform, with three degrees of cloud cover and in the final day cloudiness;
- "I" channel in the infrared spectrum of the complex background of the sky during the day and at night

Angle of field operation "F" and "I" channel: 1°
The maximum angular velocity: 5°/s
Maximum angle of bearing: $\pm 40^\circ$
Temperature range: -40°C to 50°C

