

IR SEEKERS FOR PADMS



Field of application: A3-100 and A3-200 optical seekers are intended for usage in new PADMS and also in earlier made ones.

Features:

- High-sensitive IR detectors.
- Jamming selectors availability.
- Shaping of control signals for missile initial turn at its trajectory and for missile aiming point shifting to target vulnerable area.



Technical characteristics	A3-100	A3-200
Target types	aircraft, helicopters, cruise missiles, UAVs	aircraft, helicopters, cruise missiles, UAVs
Guidance	proportional navigation	proportional navigation
Working IR range	IR medium-wave	IR medium-wave, two-spectral
Aspect	all-aspect	all-aspect
Jamming protection	kinematic and amplitude selectors	reprogrammable jamming protection algorithms
Action range (forward hemisphere):		
– aircraft	up to 5...7 km	up to 7...8 km
– helicopter	up to 3.5 km	up to 4 km
Autotracking angular velocity	not less than 14 deg./sec.	not less than 18 deg./sec.
Field of view	±40°	±40°
Readiness time	≤ 5 sec	≤ 5 sec
Caliber	70 mm	70 mm
Length	210 mm	190 mm
Mass	0,9 kg	1,1 kg