

# MK-80, MK-2200, A3-10 OPTICAL SEEKERS FOR AIR-TO-AIR MISSILES

## OPTICAL SEEKER MK-80, MK-2200 FOR SHORT-RANGE AIR-TO-AIR MISSILES



## OPTICAL SEEKER A3-10 FOR MIDDLE-RANGE AIR-TO-AIR MISSILES



### **MK-80:** (for R-73 missile)

### **MK-2200:** (for R-73 missile modernization)

### **A3-10:**

Spectral range	IR middle waves	IR middle waves, <b>two-band</b>	IR middle waves, <b>two-band</b>
Target lock-on range	10...12 km	<b>14...16 km</b>	up to 30 km
Field of view	$\pm 2.5^\circ$	<b><math>2.5^\circ \times 3.5^\circ</math></b>	$3.5^\circ \times 3.6^\circ$ max
Field of regard	$\pm 75^\circ$	$\pm 75^\circ$	$\pm 50^\circ$
Targeting angles	$\pm 45^\circ$	<b><math>\pm 60^\circ</math></b>	$\pm 40^\circ$
Angular autotracking speed	60 °/s max	60 °/s max	40 °/s max
Caliber	170 mm	170 (140...200) mm	230 (200...230) mm