

9B899 (9B899) DECOY



Image © Sean Moorhouse

ORDNANCE SUB-CATEGORY	Decoy
EXPLOSIVE FILL (g)	N/A
AUW (g)	
DIMENSIONS (mm)	
COUNTRY OF ORIGIN	Russia

The 9B899 is an electronic countermeasure device deployed from the base of the 9M723-Iskander (SS-26 Stone) missile. The device appears to be a programmable multi-channel inhibitor powered by a thermal battery which is mounted in the rear section of the device. Programming and pre-deployment control of the device is achieved using a seven pin data port just forward of the fins. The exact method of operation of the device is unclear but it appears to be of a four channel, dual redundant design and contains a well-engineered redundant power amplifier system. The device antennae appear to be built into the external cylinders surrounding the electronic systems. The device is most likely configured to act as a penetration aid and is ejected by the Iskander missile in the mid to terminal stage of its trajectory. The device is probably configured to inhibit the communication links between ground based radars and surface to air missile systems. The 9M723 missile has six cylindrical ports in its base which are designed to house the 9B899 devices during transit, launch and flight. 9B899 devices which have failed to function may still contain live thermal batteries and should be handled accordingly. A lack of scorching present on the fins may indicate that the thermal battery has failed to function.