

SPARC3 / XM216

SPARCS-FLARES™ - SPECTRAL IR DECOYS



Advanced spectral flares against IR heat-seeking missiles

SPARCS-FLARES™ advanced spectral flares protect aircraft against the most advanced air-to-air and surface-to-air heat-seeking missiles in the modern battlefield. The flares are used on a wide range of fixed-wing aircraft and helicopters.

Combat-proven protection against new-generation threats

SPARC-3 / XM216 spectral IR decoys have a combat-proven record against the threat of advanced infrared heat-seeking missiles with dual-band target discrimination.

Reliable and effective, SPARCS-FLARES™ are fully compatible in fit to all Western dispensing systems such as ALE 40/47 and WIZARDS and can be ejected from fighter jets, transport aircraft, helicopters and UAS. The SPARC-3 / XM216 spectral IR decoys are in operational use worldwide, including the Israeli Air Force (IAF).

Elbit Systems™

Land

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Advanced decoy capabilities

SPARCS-FLARES™ feature low luminance and smoke results and are virtually invisible to the naked eye. The high-performance advanced spectral IR decoys offer a “one-flare solution” effective against new and earlier generation threats, providing exclusive operational benefits.

Key Features

- Case dimensions: 1x1x8 in (25x25x206 mm)
- Weight: 0.4lb (180gr)
- Pellet: Spectral decoy composition
- Ejection squib: PL3651 / CCU-145
- Dispenser: AN/ALE-40/47, Wizards, M-130, etc.
- Shelf life: 5 years
- Service life: 1 year

Key Benefits

- Reliable and effective
- Minimal rise time
- Minimal color rise time
- High color ratio
- Improved trajectory (XM216E5)
- Obscureness (dark flare)
 - Low luminance (night)
 - Low smoke results (day)

Platforms

- Fighter jets
- Helicopters
- Transport aircraft
- UAS

Packaging

Classification	Flares, aerial
Hazard class	1.3G
Un CODE	0093
Quantity	120 units per plywood box
Container dimensions	17.8x14.5x10.6 in (452x370x280 mm)
Estimated gross weight	62lb (28kg)



Photo: Yissachar Ruas



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