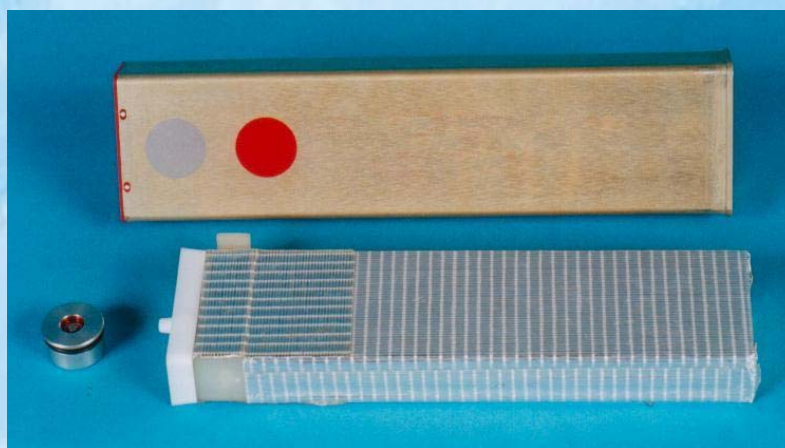


Flare 218 Mk3 Type 3

Flare Countermeasure



The Flare has a spectrally matched payload and is intended to be used in aircraft countermeasures systems to combat advanced third generation heat-seeking missiles employing spectral discrimination techniques. An Impulse Cartridge is fitted during manufacture of the Flare and provides the means of ejecting the payload. The Flare can be housed in a multiple shot magazine as fitted to countermeasures dispensing sets such as AN/ALE 40,45,47 series, M130/M147, MBDA, Terma, MES, Rokar, SAAB Avionics and Thales systems.

The Flare Countermeasure No.218 Mk.3 Type 3 is a direct fit, form, and function replacement for the US MJU7 A/B Flare, but as well as offering protection against advanced threats, it provides improved performance, reliability and safety by means of the fitted Sequencer initiation device.

Chemring countermeasures



PART OF THE CHEMRING GROUP

© This document is wholly proprietary owned by Chemring Countermeasures Ltd, High Post Salisbury, Wiltshire, UK
© Copyright Chemring Countermeasures Ltd – May 2007





Flare 218 Mk3 Type 3

Leading Particulars

Designation:	Flare, Countermeasure No.218 Mk3 Type 3
NATO Stock Number:	1370-99-997-8224
Internal Code:	58559 – fitted with PW21 Mk.2 Impulse Cartridge

Physical Characteristics

Weight:	380g
Ejected Weight:	300g
Length:	206mm
Cross Section:	51.82mm x 24.64mm
Operating Temperature:	-46 °C to +76 °C
Exposure Temperature:	-65 °C to +85 °C

Performance Characteristics

Ejection Velocity:	25 to 40 m/sec
IR Output:	Nominal value 3.0 kW/sr
Rise Time:	< 0.2 sec
Typical Burn Time:	3.0 sec
Reaction Force:	4.0kN max
Pulse Duration:	10 ms max
Shelf Life:	3 years

NB: All performance data is applicable from -10 °C, +70 °C, < 24km/hr wind speed, >2km visibility, measured at launch velocity, in the 4-5µm Waveband

Packing Details

Quantity:	60
Net explosive content:	260g
Hazard Class:	1.3G
UN Number:	0093
Shipping Dimensions:	455x425x300mm
Estimated Gross Weight:	32kg
Estimated Net Weight:	23kg
Proper Shipping Name:	Flares, Aerial



For further information please contact:

Sales and Marketing

Chemring, Countermeasures Ltd

High Post, Salisbury

Wiltshire SP4 6AS England

This data sheet shall not form part of a contract unless specifically agreed in writing between the Company and the Customer to be a term of the contract.

Telephone: **+44 (0) 1722 411 611**

Fax: **+44 (0) 1722 428 792**

E-mail: **info@chemringcm.com**