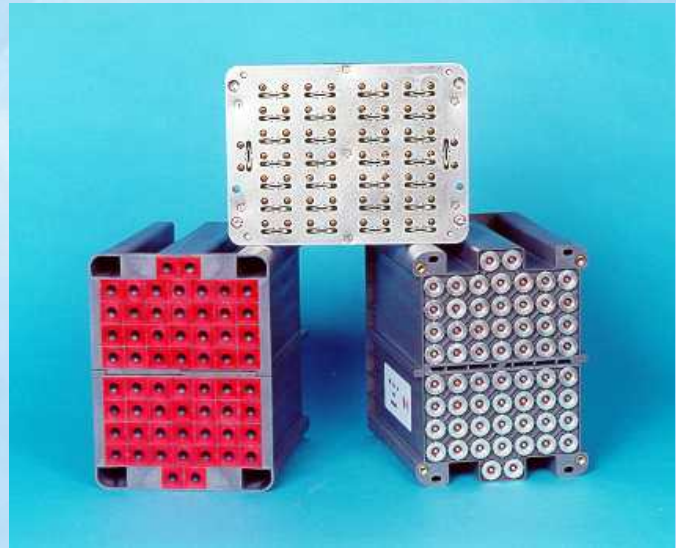


## IR MEB 65-60

Modular Expendable Block



# Chemring countermeasures



### IR MEB

The IR Modular Expendable Block (IR MEB) forms part of the defensive aids system to protect a host aircraft from IR heat seeking missile threats by providing an expendable flare payload as a suitable alternative target or 'decoy' to a heat seeking missile. The IR MEB has been developed to provide additional 'shots' in the same magazine space giving greater flexibility and an enhanced operational capability. The IR MEB contains twice the number of payloads as compared to the standard NATO stores.

The MEB is a 2 part glass filled nylon block which is interfaced to the dispenser firing system through an Interface Plate which routes the firing pulse to appropriate cell. The flare payload is pyrotechnically ejected using the PW11 Mk2a Impulse Cartridge. Each MEB contains 60 decoys. The IR MEB 65-60 can be used with any 6 x 5 format dispenser employing digital dispensing control such as the Terma PIDS, an/ale-47, SAAB Avitronics, Thales and MES dispensing systems.



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## IR MEB 65-60

Modular Expendable Block

### Leading Particulars

Designation:	<b>IR MEB 65-60</b>
NATO Stock Number:	5865-99-957-7355
Internal Code:	58400 with PW11 Mk2a Impulse Cartridge

### Physical Characteristics

Total Block Weight:	4.93kg
Empty Weight:	1.94kg
Net Explosive Content:	2.61kg
Base Dimensions:	143mm x 190mm
Height:	190mm
Operating Temperature:	-46°C to +76°C
Exposure Temperature:	-65°C to +85°C
Shelf Life:	3 Years

### Performance Characteristics—Flare Payload

Ejected Weight:	45g
Pellet Dimensions:	13 x 13 x 144mm
Net Explosive Weight:	38g

### Typical Performance

Ejection Velocity:	30 to 60 m/sec
IR Output:	Nominal Value 1kW/sr
Typical Burn Time:	3 secs
Reaction Force:	1.5kN max
Pulse Duration:	10ms max

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

### Packing Details

UN Serial Number:	0093
UK Hazard Class:	1.3G
Quantity:	3 packed per box
Estimated Net Weight:	15kg
Estimated Gross Weight:	22kg
Box Dimensions:	575 x 315 x 285mm
Proper Shipping Name:	Flares, Aerial



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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.