



CCM216 MkI Type I

Cartridge Countermeasure Chaff 130mm DIST CCM216 MkI Type I:

- Advanced RF Distraction decoy round
- Improved design and performance over earlier variants
- Selectable variable range out to 2km manually set immediately prior to launching
- Barometric height sensor provides precise, selectable chaff cloud height irrespective of ship movement
- Single high performance chaff payload giving large radar cross section (RCS)
- Compatible with all 130mm fixed and trainable launchers
- No in-service maintenance requirements
- Utilises proven, highly reliable RF countermeasure technology

Specification

CCM internal code:	5861 I
NATO stock number:	1377-99-244-845 I
Nominal launcher muzzle velocity:	52 m/s
Barrel pressure (Mk 36 Mod I launcher):	<50 bar
Burst range @ 45° launch angle:	1 – 2km
Burst height @ 45° launch angle (Note 1):	130 – 170m

Specification (contd.)

Flight time to burst (Note 1):	20 to 28 seconds
Drogue descent rate:	40–52m/s
Chaff RCS (Notes 2 & 3):	typically >10,000m ²
Bloom time from burst:	typically <10 seconds
Weight:	27kg
Length:	1260mm
Calibre:	130.2mm
Net explosive weight:	2.1kg
UN number:	0436
Explosive hazard class:	1.2C

Note 1: Depends on matrix setting

Note 2: I-band, horizontally polarised

Note 3: Baseline RCS without multipath effect

Operational Performance

- Single centre-burst chaff payload
- Repeatable burst height \pm 20m independent of ship roll
- Takes full advantage of multipath effect for enhanced RCS performance
- Matrix of 10 different range/height settings to optimize distraction performance
- Full tactical flexibility
- Does not need level deck for launch
- Can also provide a seduction defence capability for ships in company

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