

DRASH[®]

THE WARFIGHTER'S CHOICE



DEPLOYABLE COMMAND **DC2E**[™] & CONTROL EQUIPMENT

- MODULAR
- RAPIDLY DEPLOYABLE
- MOBILE
- RUGGED
- RELIABLE
- VERSATILE



DC2E MEDIUM SCREEN DISPLAY

BP300A019 / NSN's Pending

Designed for 24/7 operation, the DC2E Medium Screen Display is built for today's commander. The system features a DLP projector that accepts and displays images with a resolution of up to 1920 x 1200. Multiple screens can connect together to form a single, large screen. Despite its numerous capabilities, the Medium Screen Display system is compactly stored in two separate wheeled cases for easy transport.



A DC2E Medium Screen Display in use - two screen systems shown.

FEATURES:

- Native 1400 x 1050 (SXGA+) resolution. System accepts and displays images with a resolution of up to 1920 x 1200.
- Wide range of signal compatibility.
- Viewing area measures 59" x 44" x 73" diagonal.
- Designed for 24/7 operation. To ensure continuous operation, a maintenance kit is available for the projector that replaces all moving internal components within 7500 hours of system operation.
- 2000/2500-hour lamp life, multi-voltage 3100 ANSI lumens weighs only 9 lbs. (4 kg.) and has a low noise level of only 28 dB(A).
- Lightweight 1" square aluminum frame system with locking hinge points for fast set up and take down.
- Includes long life mechanical elements, such as magnesium and ceramics, as well as over specified fans and color wheel engine.
- Fully sealed optical architecture ensures faultless operation in harsh environments.
- Cantilevered projector mounting arm preserves valuable floor space.
- Integrated mounting points for shelter loudspeakers allow for high quality audio.
- Multiple projection screens connect together to form a single large screen.

OPTIONAL COMPONENTS:

Environmental Control System helps regulate projector temperature and prevent dust and debris from collecting on the projector in high temperature conditions (patent pending).

PACKAGING:

Screen and projector may be stored in two cases with wheels for easy transport.

Packed Projector Case Case 1:	Dimensions:	in.	24.5 W x 19.5 D x 15 H
		cm.	62 W x 50 D x 38 H
	Weight:	lb.	41
		kg.	18.6
Packed Screen and Frame Case Case 2:	Dimensions:	in.	50 W x 17.5 D x 13 H
		cm.	127 W x 44.5 D x 33 H
	Weight:	lb.	74
		kg.	33.6

DC2E LARGE SCREEN DISPLAY

Designed to fit into a large Deployable Rapid Assembly Shelter (DRASH), the DC2E J Series Large Screen Display features three DLP projectors that project three separate large, high resolution images. Its unique configuration allows it to be set up nearly 5 feet above the floor allowing for ease of viewing from the back of the TOC. Regardless of its size, the Large Screen Display system packs down tightly into three lightweight cases and does not require any tools for installation.

The DC2E J Series Large Screen Display is available as a **Front Projection Screen Display** system, offering three 90" diagonal viewing areas, or as a **Rear Projection Screen Display** system, offering three 76.7" diagonal viewing areas.



A Large Front Projection Screen Display System.

FEATURES:

- Native resolution 1400 x 1050 (SXGA+). System accepts and displays images with a resolution of 640 x 480 to 1920 x 1200.
- **Front Projection Screen** measures 5.5' x 19' to allow for three separate 54" x 72" x 90" diagonal viewing areas; **Rear Projection Screen** measures 3.9' x 15.2' to allow for three separate 47" x 60.6" x 76.7" diagonal viewing areas.
- Three DLP projectors are designed for 24/7 operation. To ensure continuous operation, a maintenance kit is available for the projector that replaces all moving internal components within 7500 hours of system operation.
- 2000/2500 hour lamp life, multi-voltage 3100 ANSI lumens weighs only 9 lbs. (4 kg.) and has a low noise level of 28 dB(A).
- Lightweight 1" square tube aluminum frame system with locking hinge points allows for fast set up and take down.
- Includes long life mechanical elements, such as magnesium and ceramics, as well as over specified fans and color wheel engine.
- Fully sealed optical architecture ensures faultless operation in harsh environments.
- Lightweight 2" tube frame supports all three projectors. Rugged, black, rubberized coating allows for increased durability. Slip fit joint system features quick securing clips.
- Three projector mounts with wide adjustability included for set up on uneven terrain.
- Lightweight 2" tube frame supports all three projectors.
- Three 50Ft. HD15 VGA video cables included. One 50Ft. NEMA 5-15 extension cable and one 6 outlet power strip included.

FRONT PROJECTION SCREEN DISPLAY

1002543 / NSN's Pending

Packed Projector Case Case 1:	Dimensions:	in.	52 W x 18 D x 18.5 H
		cm.	132.1 W x 45.7 D x 47 H
	Weight:	lb.	150
		kg.	68.2
Packed Screen and Frame Case Case 2:	Dimensions:	in.	80.75 W x 22.5 D x 18 H
		cm.	205.1 W x 57.2 D x 45.7 H
	Weight:	lb.	190
		kg.	86.4
Packed Screen and Frame Case Case 3:	Dimensions:	in.	80.75 W x 22.5 D x 18 H
		cm.	205.1 W x 57.2 D x 45.7 H
	Weight:	lb.	150
		kg.	68.2

REAR PROJECTION SCREEN DISPLAY

1004180 / NSN's Pending

Packed Projector Case Case 1:	Dimensions:	in.	52 W x 18 D x 18.5 H
		cm.	132.1 W x 45.7 D x 47 H
	Weight:	lb.	150
		kg.	68.2
Packed Screen and Frame Case Case 2:	Dimensions:	in.	80.75 W x 22.5 D x 18 H
		cm.	205.1 W x 57.2 D x 45.7 H
	Weight:	lb.	163
		kg.	73.9
Packed Screen and Frame Case Case 3:	Dimensions:	in.	80.75 W x 22.5 D x 18 H
		cm.	205.1 W x 57.2 D x 45.7 H
	Weight:	lb.	160
		kg.	72.6

DC2E LARGE TRANSFORMER SCREEN DISPLAY

Front / Rear Projection

1007655 / NSN's Pending

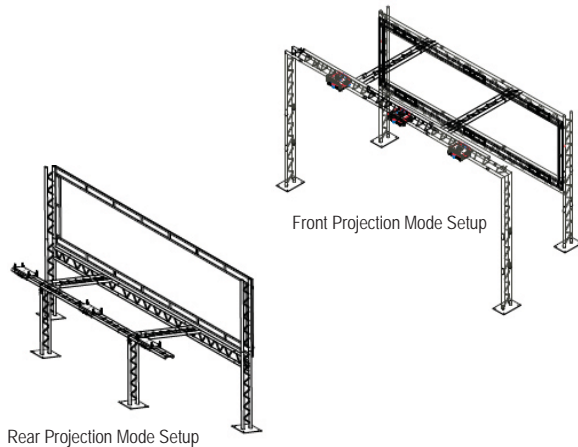
Designed to fit into a J Series Deployable Rapid Assembly Shelter (DRASH), the DC2E Transformer Large Screen Display system features three DLP projectors that project three separate large, High resolution viewing areas. Its unique design allows it to be set up in a front or rear projection configuration. The entire system including truss, screen, projectors and cables packs down tightly into four cases. All cases have large handles on all sides, purge valve and wheels on one end to increase transportability.



A Large Transformer Projection Screen Display System.

FEATURES:

- Front projection configuration features three independent viewing areas of 54" x 72" x 90" diagonal.
- Rear projection configuration features three independent viewing areas of 45" x 60" x 75" diagonal.
- Images are greater than 48" above the floor allowing for ease of viewing from the back of the TOC.
- Three DLP projectors are designed for 24/7 operation. Includes long life mechanical elements, such as magnesium and ceramics as well over specified fans and color wheel engine. Fully sealed optical architecture ensures faultless operation in harsh environments. Native 1400 x 1050 (SXGA+) resolution. Accepts resolutions from 640x480 through 1920x1200. Depot level, 7500 hour maintenance kit replaces all moving parts. 2000/2500 hour lamp life, multi-voltage, and 3100 ANSI lumens. Each projector weighs only 9 lbs and has a low noise level of only 28 dB(A).
- Lightweight 2" tube frame structure with rugged black coating supports projectors and screen. Includes adjustable feet for uneven terrain.
- Each of the three projector mounts allow for easy adjustments and stow attached to the projector.
- Setup time for either front or rear configuration is less than 30 minutes using four people. No tools required.



Rear Projection Mode Setup

Front Projection Mode Setup

Packed Projector Case Case 1:	Dimensions:	in.	80.75 W x 22.5 D x 18 H
		cm.	205.1 W x 57.2 D x 45.7 H
	Weight:	lb.	165
		kg.	74.8
Packed Screen and Frame Case Case 2:	Dimensions:	in.	80.75 W x 22.5 D x 18 H
		cm.	205.1 W x 57.2 D x 45.7 H
	Weight:	lb.	175
		kg.	79.4
Packed Screen and Frame Case Case 3:	Dimensions:	in.	80.75 W x 22.5 D x 18 H
		cm.	205.1 W x 57.2 D x 45.7 H
	Weight:	lb.	192
		kg.	87.1
Packed Screen and Frame Case Case 4:	Dimensions:	in.	80.75 W x 22.5 D x 18 H
		cm.	205.1 W x 57.2 D x 45.7 H
	Weight:	lb.	167
		kg.	75.7

DRASH TACTICAL UTILITY FIELD FURNITURE (TUFF) TABLES



FEATURES:

- Constructed from lightweight, rustproof, powder coated aluminum, TUFF Tables are durable and made for field use.
- Includes convenient storage space on the underside to hold cables, wires, mobile phone chargers, etc.*
- Folds for easy transport/storage.
- Supports 2,000 lbs (907 kg) of distributed weight.
- Cable management adapters available as an accessory.*

* Features apply only to BP300A005

Small: BP300A005	Dimensions:	in.	24 x 72
		cm.	61 x 183
	Weight:	lb.	32
kg.		17	
Large: BP300A000	Dimensions:	in.	30 x 72
		cm.	76 x 183
	Weight:	lb.	38
kg.		14.5	

MICROPHONE SYSTEM

1003688 / NSN's Pending

FEATURES:

- Includes Nine Delegate Stations, One Chairman Station and One Control Unit.
- Participants may easily follow and take part in a discussion through a table top station loudspeaker and a station microphone.
- The Chairman's Station allows the operator to take over the conference session with a push of a button.
- Control unit can handle up to 25 stations per line equaling a total of 50 stations.



PACKAGING:

The Microphone System with supplied extension cables stow in two cases. Both cases have integrated wheels for easy transport.

Case 1:	Dimensions:	in.	22 W x 31.3 D x 9.3 H
		cm.	55.9 W x 79.5 D x 23.6 H
	Weight:	lb.	36
kg.		16.3	
Case 2:	Dimensions:	in.	22 W x 31.3 D x 9.3 H
		cm.	55.9 W x 79.5 D x 23.6 H
	Weight:	lb.	28.5
kg.		12.9	

DC2E AUDIO-VISUAL SYSTEMS

The DC2E's Audio-Visual System comes in four different configurations: Mini, Small, Medium and Large (see next few pages). The following features are available for all configurations:

- Diskless components for increased reliability. Systems do not require additional software.
- Supports multiple displays and display types.
- POTS Line connects to standard analog phone line for audio conferencing.
- CTL LAN connects to LAN for WEB based control of the AV System.
- Display processor combines 4 or 8 real-time video and computer inputs in Windows onto one display. Windows can be scaled up to full screen. Capable of accepting and displaying images with a resolution of up to 1600 x 1200.
- Includes molded, weather-resistant transport cases for the control system and accessories.



DC2E A/V SYSTEM COMPARISON MATRIX

System Name	Video Inputs			Video Outputs		Multi - Window		Audio Inputs		Audio Outputs	Touch - Panel		Web Control	Acc. Case	Tele - Conf	Powered Speaker
	HD15 (RGB)	CAT5 (RGB)	CV	HD15	CAT5	4 Win	8 Win	Mic Level	Line Level	Line Level	With Video	W/O Video	Yes/No	QTY	Yes/No	QTY
Large A/V System 120-240VAC 1005865	1	20	4*	3	12	4	0	4	4	4	1	0	Yes	2	Yes	2
Medium A/V System 120-240VAC 1005216	1	12	4*	3	4	3	0	4	4	4	1	0	Yes	1	Yes	2
Small A/V System 120-240VAC 1005218	1	8	2*	3	4	2	0	3	4	4	1	0	Yes	1	Yes	2
Mini A/V System 120-240VAC 1005124	4	0	4**	1	0	0	1	2	2	2	0	1	Yes	1	Yes	1

Notes:

* CV will auto-detect composite video (PAL / NTSC)

** CV will auto-detect HD / SD-SDI / composite video (PAL / NTSC)

MINI AUDIO-VISUAL SYSTEM

1005124 / NSN's Pending

FEATURES:

- Interface via touch panel or secure Internet connection.
- Video In: Four HD15 Computer Inputs that accept up to 1920 x 1200 resolution. Four BNC Inputs automatically detect HD/SD-SDI & Composite (PAL/NTSC) for DVD/SAT TV and/or Camera/UAV video.
- Audio In: Two Mic level XLR Inputs and two Line Level XLR Inputs for DVD/SAT TV audio.
- Video Out: One HD15 output supporting multiple user selectable output resolutions.
- Audio Out: Two Line Level XLR outputs, one dedicated to speaker.
- Includes one AC-powered speaker with integrated 20 Watt amplifier for audio distribution.

PACKAGING:

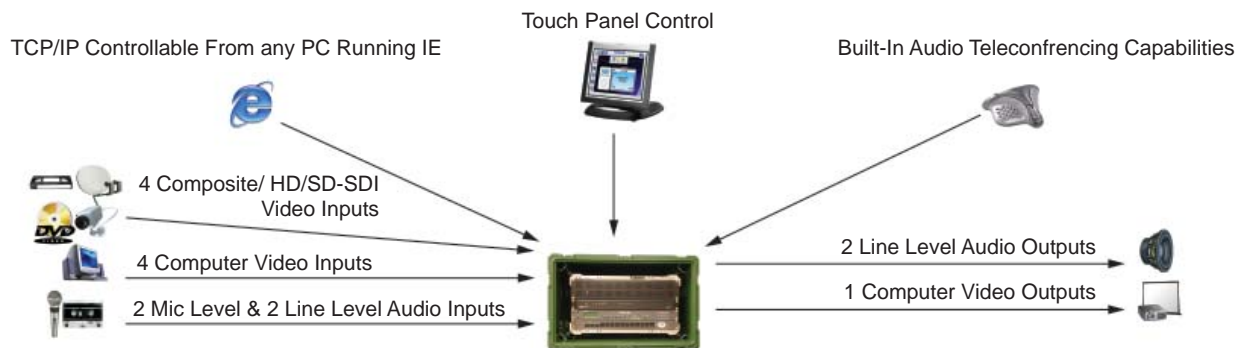
Mini AV Case

Molded, weather resistant, OD green case contains Control System, an Eight Window Image Processor and Audio Matrix/Mixer.

Accessory Transport Case

Includes cables, touch panel and speaker.

Mini AV Case:	Outer Dimensions:	in.	40.4 L x 27 W x 16.6 H
		cm.	103 L x 69 W x 42 H
	Packed Weight:	lb.	115
		kg.	52
Accessory Transport Case:	Outer Dimensions:	in.	24 L x 20.5 W x 15 H
		cm.	61 L x 52 W x 38 H
	Packed Weight:	lb.	54
		kg.	25



SMALL AUDIO-VISUAL SYSTEM

1005218 / NSN's Pending

FEATURES:

- Control Interface via touch panel or secure Internet connection. Touch panels may also be used to view/cue video to be displayed on projection screens.
- Long Distance Video Distribution System: Uses RGBHV over CAT5 technology for long distance video distribution with minimal signal degradation.
- Video In: One HD15 and eight CAT5 Computer Inputs that accept up to 1600 x 1200 resolution. Two BNC Composite (PAL/NTSC) Inputs for DVD/SAT TV or Camera/UAV video.
- Audio In: Three Mic level XLR Inputs and four Line Level XLR Inputs for DVD/SAT TV audio.
- Video Out: Three HD15 and four CAT5 Computer Outputs.
- Audio Out: Four Line Level XLR outputs; one dedicated to speaker.
- Includes two AC-powered speakers with integrated 20 Watt amplifier that can be daisy chained together for audio distribution.

PACKAGING:

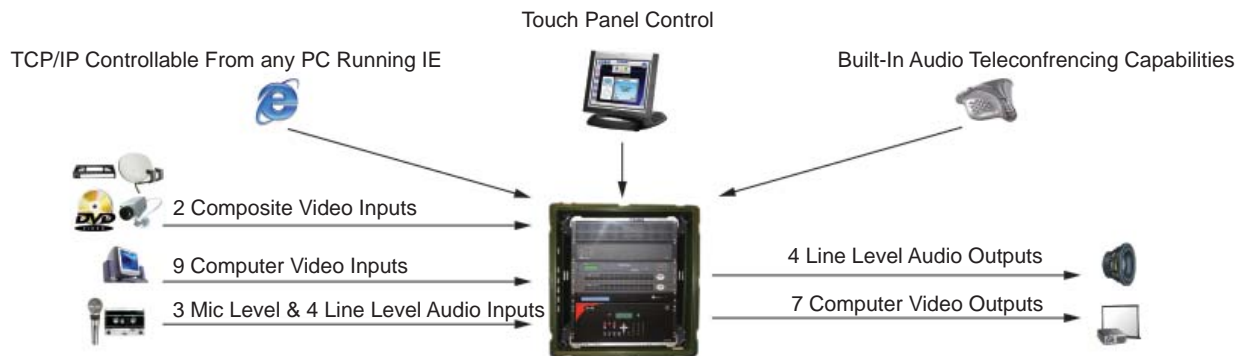
Small AV Case

Molded, weather resistant OD green case contains Control System, two Four Window Image Processors, a Quad Channel Video Scaler, an Audio Matrix/Mixer and 12 x 12 RGBHV Matrix Switcher.

Accessory Transport Case

Includes cables, touch panel, speakers and CAT5 TX/RX units.

Small AV Case:	Outer Dimensions:	in.	40 L x 27 W x 27.9 H
		cm.	101 L x 69 W x 71 H
	Packed Weight:	lb.	211
		kg.	96
Accessory Transport Case:	Outer Dimensions:	in.	30 L x 21.5 W x 30 H
		cm.	76 L x 55 W x 76 H
	Packed Weight:	lb.	138
		kg.	63



MEDIUM AUDIO-VISUAL SYSTEM

1005216 / NSN's Pending

FEATURES:

- Control Interface via touch panel or secure Internet connection. Touch panels may also be used to view/cue video to be displayed on projection screens.
- Long Distance Video Distribution: Uses RGBHV over CAT5 technology for long distance video distribution with minimal signal degradation.
- Video In: One HD15 and 12 CAT5 Computer Inputs that accept up to 1600 x 1200 resolution. Four BNC Composite (PAL/NTSC) Inputs for DVD/SAT TV and Camera/UAV video.
- Audio In: Four Mic level XLR Inputs and four Line Level XLR Inputs for DVD/SAT TV audio.
- Video Out: Three HD15 and four CAT5 Computer Outputs.
- Audio Out: Four Line Level XLR outputs, one dedicated to speaker.
- Includes two AC-powered speakers with integrated 20 Watt amplifier that can be daisy chained together for audio distribution.

PACKAGING:

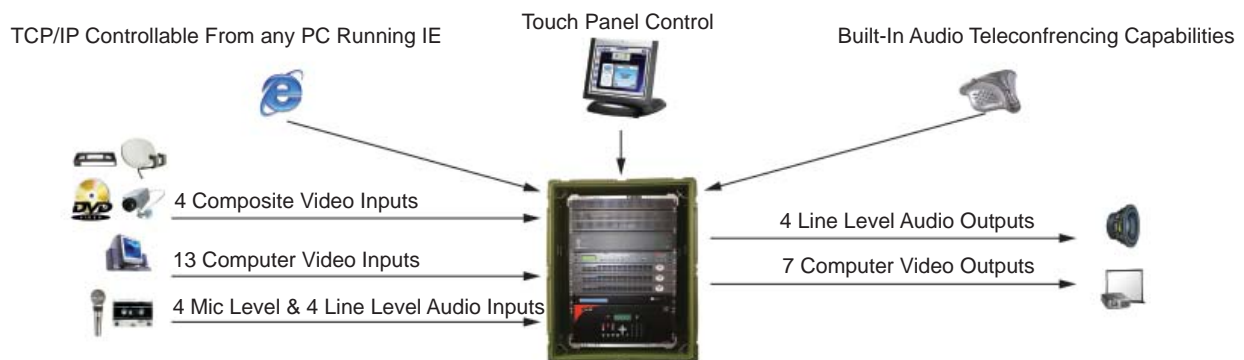
Medium AV Case

Molded, weather resistant OD green case contains Control System, three Four Window Image Processors, a Quad Channel Video Scaler, an Audio Matrix/Mixer and a 20 x 20 RGBHV Matrix Switcher.

Accessory Transport Case

Includes cables, touch panel, speakers and CAT5 TX/RX units.

Medium AV Case:	Outer Dimensions:	in.	40.4 L x 27 W x 33 H
		cm.	103 L x 69 W x 84 H
	Packed Weight:	lb.	220
		kg.	99.8
Accessory Transport Case:	Outer Dimensions:	in.	30 L x 21.5 W x 30 H
		cm.	76 L x 55 W x 76 H
	Packed Weight:	lb.	151
		kg.	68



LARGE AUDIO-VISUAL SYSTEM

1005865 / NSN's Pending

FEATURES:

- Interface via touch panel or secure Internet connection. Touch panels may also be used to view/cue video to be displayed on projection screens.
- Long Distance Video Distribution: System uses RGBHV over CAT5 technology for long distance video distribution with minimal signal degradation.
- Video In: One HD15 and 20 CAT5 Computer Inputs that accept up to 1600 x 1200 resolution. Four BNC Composite (PAL/NTSC) Inputs for DVD/SAT TV or Camera/UAV.
- Audio In: Four Mic level XLR Inputs and four Line Level XLR Inputs for DVD/SAT TV audio.
- Video Out: Three HD15 and twelve CAT5 Computer Outputs.
- Audio Out: Four Line Level XLR outputs, one dedicated to speaker.
- Includes two AC-powered speakers with integrated 20 Watt amplifier that can be daisy chained together for audio distribution.

PACKAGING:

Large AV Case

Molded, weather resistant, OD green case contains Control System, four Four Window Image Processors, a Quad Channel Video Scaler, an Audio Matrix/Mixer and a 32 x 32 RGBHV Matrix Switcher.

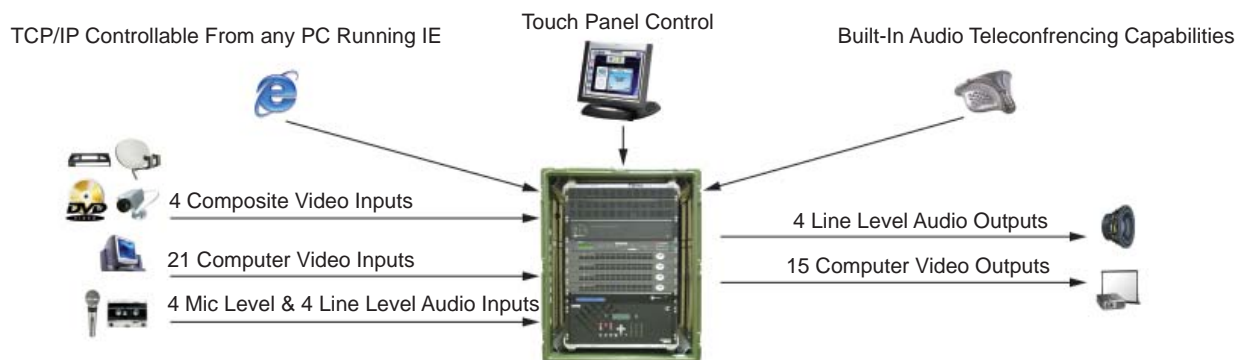
Accessory Transport Case 1

Cables, touch panel and speakers.

Accessory Transport Case 2

Includes CAT5 TX/RX units and cables.

Large AV Case:	Dimensions:	in.	40.4 L x 27 W x 33 H
		cm.	103 L x 69 W x 84 H
	Weight:	lb.	228.6
		kg.	103.7
Accessory Transport Case 1:	Dimensions:	in.	30 L x 21.5 W x 30 H
		cm.	76 L x 55 W x 76 H
	Weight:	lb.	173.8
		kg.	78.8
Accessory Transport Case 2:	Dimensions:	in.	30 L x 21.5 W x 30 H
		cm.	76 L x 55 W x 76 H
	Weight:	lb.	147.6
		kg.	67





USED IN THE HARSHTEST ENVIRONMENTS BY THE TOUGHEST WARFIGHTERS

ALL AVAILABLE PRODUCTS ARE LISTED IN THE DLA/DSCP
SCHEDULE WITH NSNS FOR IMMEDIATE PURCHASE

DHS SYSTEMS LLC
A DHS TECHNOLOGIES COMPANY

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