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Enclosures and solutions for
 COTS protection

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NAVY STANDARD RACK: DEFENDER™ 100 SERIES 901D

901D Grade A	Barge Test – soft deck (12-14 Hz)	15 G response	External Isolation
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The shock isolated Defender™ 100 series 901D is engineered and built to protect COTS equipment from the conditions of the 901D grade A soft deck test. It has been barge tested and exhibits a response of 15 G's. It uniquely features a space saving 22" width (versus 24" traditional) and 39 U of usable space (versus 37 U traditional).

DIMENSIONS	Standard	Available
Height	72"	30" to 80"
Height with Isolators	78"	36" to 86"
Depth	26" / 32"	24" to 48"
Depth with Isolators	32" / 38"	30" to 54"
Width	22"	22" or 24"
Usable Height	39 U	15 U to 43 U

FEATURES	Standard	Available
Material	Steel	Aluminum
Shock Isolation	Elastomer	Cable
Payload Range	400 to 800 lbs.	200 to 1200 lbs.
Mounting	EIA 19"	EIA 24"

STANDARD OFF THE SHELF PERFORMANCE		
Shock	Vibration	EMI/RFI
Soft Deck: 12-15 Hz	5-33 Hz	10 kHz - 1 GHz
MIL-S-901D	MIL-STD-167	MIL-STD-461
15 G max. response	0.8 G max. response	60 dB (With Door)



AVAILABLE OPTIONS*		
Thermal	Electrical	Mechanical
Heat Exchanger	Uninterruptable Power Supply (UPS)	Slides and Slides Support
Air Conditioning	Power Distribution Unit (PDU)	Drawers and Shelves
Water cooling	Power Conditioning Unit	Laptop Tray
Air cooling	Power Converter Unit	Keyboard Tray
EMI/RFI	Cabling	Diagnostic
Full Length Door	Cable Retractors	Temperature
Shielded Filters	Cable Supports	Electrical
View Panels	Cable Ties	Vibration
Gasketing	Smartsys™	Humidity

* See individual module sheets