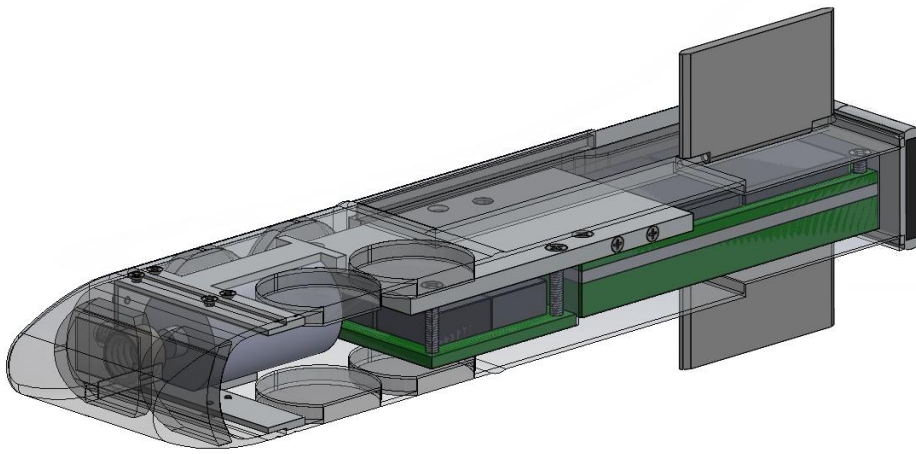


SPEC



‘Small SWaP-C solution with big DRFM and jamming capability’

ADEP MicroEW

Drones and UAVs to Air, Sea, and Land platforms to Space



www.SPEC.com

SPECIFICATIONS

FEATURES

- 1GHz to 20GHz
22GHz - 40GHz (addon option)
- Adjustable IBW (up to 6GHz)
- DRFM/ECM modes with Advanced Modulation
- Up to 16 independent targets (Option Dependent)
- Up to 256 scatters per independent target
- > 60dB dynamic range
- Remote Ethernet operation
- GUI included for out-of-the-box operation
- Developer API for in-house custom applications
- Supports multiple complex target scenarios
- Packaging from 1"x2"x8" custom up to 3U

FEATURES	SPECIFICATIONS
Frequency	1GHz to 20GHz 22GHz – 40GHz optional
Targets (Option Dependent)	Up to 16 independent targets
Instantaneous Bandwidth	Up to 6GHz
Bit Depth	12 in, 16 out
Dynamic Range (Spurious Free)	>60dB
Pulse Width	15ns to CW
Target Delay Memory (Option Dependent)	1 Kernel = 3200µs 4 Kernel = 800µs
Delay Resolution	0.625ns or 0.1875m
Doppler Range	+/-20MHz
Amplitude Resolution	0.25dB
Target Update Rate	≥ 1KHz
Gain Flatness	< +/- 1.5dB
Operating Temperature	-10 to 65°C
Control Interface	Ethernet
Dimensions	Various

CONTACT US

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