

## 500 to 1000 MHz, 50W Pallet Amplifier

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The new LDU50-CW (RES-INGENIUM) is a 500 to 1000 MHz Class AB pallet amplifier designed for heavy duty operation in military and law-enforcement jamming applications (50W, CW). This rugged RoHS-compliant amplifier features two Freescale® MRF9030LR1 power transistors (LDMOS), achieves 15 dB gain, maintains impressive gain-flatness of +/-0.5 dB across the operating frequency band (500 to 1000 MHz), and can handle a load mismatch of 2:1 VSWR (over all phase angles). Connectorized versions are available upon request.

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