

AR-50-FK

50 Watts PEP, 30–512 MHz, Tx/Rx Booster Amplifier with Fan Kit

RF Amplifiers



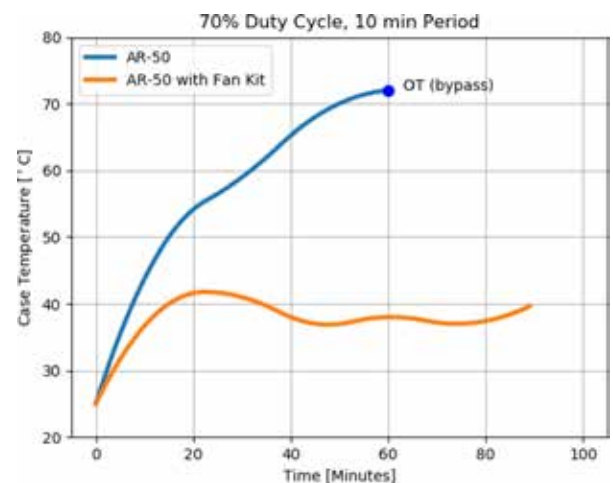
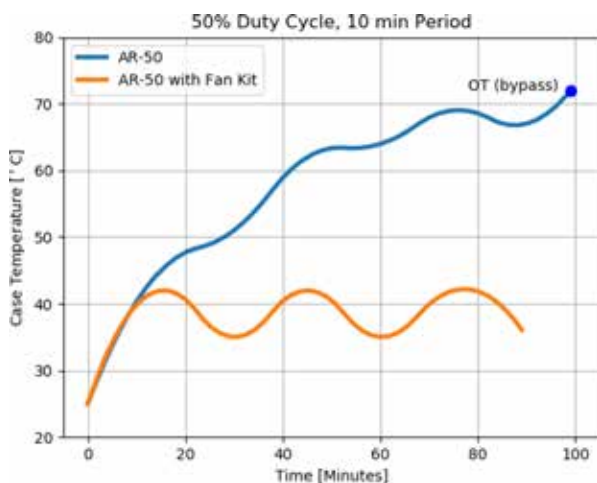
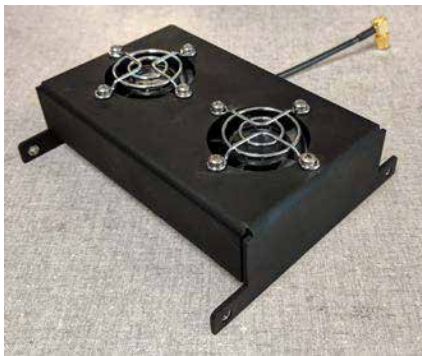
The AR-50 Fan Kit (Model FK-AR-50) is an optional accessory for the AR-50 amplifier. In situations requiring more data throughput and higher transmit duty cycles, or when operating in hot environments, the AR-50 Fan Kit keeps the AR-50 cool to support demanding communication needs. Fan operation is plug and play - automatic and thermostatically controlled, it cools as necessary, when necessary. Easy to install, the Fan Kit is field upgradable on compatible AR-50 units.

FK-AR-50 (Fan Kit Only)

Size	Width: 12.45 cm Length: 10.67 cm Height: 4.06 cm
Weight	0.15 kg
Environmental	IP69K <i>Highest Protection Available</i>
Airflow	25 CFM

AR-50-FK (AR-50 with Fan Kit)

Size	Width: 15.24 cm Length: 19.50 cm Height: 9.4 cm
Weight	2.13 kg
Environmental	IP69K (Fan Kit) IP67 (AR-50)
Current Draw Delta (VS AR-50)	200 mA @24 VDC



Testing performed at 25°C ambient, laboratory environment. As the plots illustrate, fan kit forced convection cooling significantly increases the efficiency of the AR-50, allowing it to operate indefinitely, without reaching over temperature (OT) conditions.

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All specifications are subject to change without notice

The information contained herein is for reference only and does not constitute a warranty of performance

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