



50 WATT UHF MOBILE AMPLIFIER

PARAMETER	SPECIFICATION
Frequency Range:	403-450 MHz (UL); 450-512 (UH)
Transmit current drain:	11 A nominal at rated power
Carrier Output Power Rating:	50 Watts nominal
Spurious and Harmonics:	Meets FCC specifications
Operating Voltage:	13.8 VDC nominal
Ignition Wiring	13.8 VDC, amplifier active
Duty Cycle:	30% (3-minute maximum key)
Load VSWR Tolerance:	VSWR protected
Over Temperature:	Over Temperature protected (unit goes into bypass mode upon activation)
T/R Switching:	PIN diode, 600 us nominal switching time
Input/Output Impedance:	50 Ohms nominal
Input/Output Connectors:	UHF
Operating Temperature Range:	-30°C to +60°C
Size:	2.7" H x 6.8" W x 7.7" D

INPUT POWER RANGE

DSDTUL50-02	403-450 MHz	1-5 W INPUT
DSDTUH50-02	450-512 MHz	1-5 W INPUT