



TECHNICAL SPECIFICATION
SDT 5000
050-002-0025R01

SDT5000 Technical Specifications

Receive Frequency: 1525 MHz to 1559 MHz

Transmit Frequency: 1626.5 MHz to 1660.5 MHz

Transmit Power into Antenna: +34 dBm

Modulation: QPSK root-raised-cosine, roll-off factor = 1.6. (6.75Kb/s data rate)

Frequency Stability: $f_c \pm 100$ Hz max (transmit frequency is frequency locked to received satellite signal)

Antenna Gain: 11.7dB max

Power Requirements: Nominal 13.6VDC, 9VDC to 22VDC