Model TA-1626 is an excellent addition to Winegard's Medical Telemetry line. Winegard's TA series line amplifiers are designed to overcome coax line signal loss between Biotelemetry antennas and receivers. The amplifiers feature low noise figure and excellent match to insure faithful signal reproduction and maximum signal transfer. These amplifiers pass power from output to input allowing several to operate in cascade with a single power supply at the receiver. The internal regulated supply will provide the correct operating voltage when a nominal +14 to +24 VDC is available at the amplifier. Has -20 dB test point to allow you to monitor system performance. Side mounted LED indicates line power.

Features
- Die cast housing
- LED line power indicator
- -20 dB test jack.

Specifications for TA-1626
Bandpass ................. 602 to 626 MHz
Gain ..................... 19 dB
Maximum Total Input ... 120,000μV
Noise Figure ............ 5.0 dB
V.S.W.R. ................. 1.1:1
Impedance ............... 75 ohm
Power Requirements ... +14 to +24 VDC
  (Line Powered thru Cable) 20mA
Power Passive for
  Cascade Operation ... Yes

TYPICAL APPLICATION

ANTENNAS
TL-6025 UHF
AMPLIFIER
TA-1626 UHF

SP-1002
LINE SPLITTER

VARIABLE ATTENUATOR
TA-3700

SP-1002
LINE SPLITTER

IN FROM ANTENNA

TEST

OUT TO RECEIVER

LED

POWER SUPPLY
PS-2493

TELEMEDY
RECEIVER