



TUNABLE WIDEBAND RADIO TELESCOPE RECEIVER

- DIGITIZER INPUT
- DOWNCONVERTER OUTPUT
- R8500 IF OUTPUT
- R8500 INPUTS VHF
- UPCONVERTER OUTPUT
- POWER

10.38 MHz DOWNCONVERTER

RF IN

LO IN

4.8 MHz LO

100

200.8

15+

10 AMP MIXER DIPLEXER

-19 DB

+15 VDC

LO

55 MHz LPF

100 MHz OSC



14 VDC

TO R8500 HF ANTENNA INPUT

TO R8500 VHF ANTENNA INPUT

INPUT FROM R8500 IF OUTPUT

2.4 VDC TO R8500 AGC JACK

RF OUTPUT TO DIGITIZER

SDR-14

Spectrum Analyzer

TRIPP-LITE

SAMSUNG

AMP



achieve balance

ANALOG SIGNAL GENERATOR

0.24036 VDC

PRIORITY MAIL

PRIORITY MAIL

100MHz RF MILLIVOLTS

OSCILLOSCOPE

8000V 100MHz

72000.00

TUNABLE WIDEBAND RADIO TELESCOPE RECEIVER

DIGITIZER INPUT DOWNCONVERTER OUTPUT MIXER INPUT MIXER OUTPUT UPCONVERTER OUTPUT ANTENNA

RA 3 AU4CO OBSERVATORY

BRONX

