



INSTRUCTIONS FOR: SWR 20 & SWR 40

GENERAL

The Moonraker VSWR cross needle power meter provides direct readout of the SWR and output power value from the crossing of the two needles.

SETUP

Connect the coax cable from output of the transceiver to the "TX" connection and the antenna to the "ANT" connection both located at the rear of the unit.

OPERATION

Select the correct range LOW/HIGH according to your transceiver output power. Usually select the "HIGH" position first is recommended.

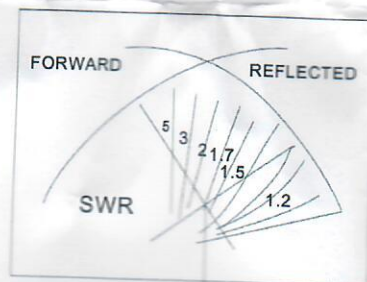
- Forward Power - Follow the forward scale and record reading
- Reflected Power - Follow the reflected scale and record reading
- SWR - Follow the SWR corresponding scale from the point of needle crossings and record reading

SPECIFICATION	SWR 20	SWR 40
FREQUENCY RANGE	1.8-200 MHz	140-525 MHz
INPUT IMPEDANCE	50 OHMS	50 OHMS
POWER RANGE	30/300W	15/150W - SWITCHABLE
POWER ACCURACY	10% AT FULL SCALE	10% AT FULL SCALE
MINIMUM INPUT POWER	2W	1W
CONNECTOR	SO239	SO239
DIMENSION	85 x 87 x 95mm	85 x 87 x 95mm
WEIGHT	290g	280g
INPUT POWER	DC12V	DC12V

ACCESSORY: DC Power Input cable one piece

FIG. 1

Correct reading
in FIG.1 is SWR 1.7:1

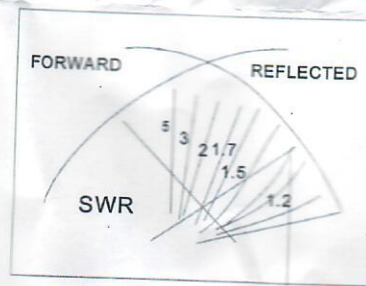


The correct reading to view the scale
at the crossing needles

SWR=1.7

FIG. 2

Incorrect reading
in FIG.2 is SWR 1.3:1



The incorrect reading is to view
the scale at the end of the needles