

## SLIDE SCREW TUNER



Slide screw tuners are used for matching purposes by changing the penetration and position of a screw in the slot provided in the center of the wave guide.

These consists of a section of wave guide flanged on both ends and a thin slot is provided in the broad wall of the Wave guide. A carriage carrying the screw, is provided over the slot. A VSWR up to 20 can be tuned to a value less than 1.02 at certain frequency

Model No. : X – 4041 Freq. Range (Ghz) : 8.2 - 12.4  
WG Type (WR-) : 90 Flange type (UG/U) : 39



Klystron tube

Model No. : X – 2051 Freq.

The 2K25 is an X-band reflex klystron with the following specifications:

Frequency Range: 8.5 to 9.7 GHz (mechanically tunable)

Frequency Accuracy:  $\pm 1\%$

Load VSWR: Maximum 1.5

Output Power: Minimum 10 mW to 15 mW for the entire range1.

WG Type (WR-) : 90 Flange T

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