

# PRECISION SLIDING TERMINATIONS

## MM WAVEGUIDE — 18 TO 110 GHz

### Features

- Low Housing VSWR
- Low Element VSWR
- Precision Flanges
- Provides Improved Accuracy



### Description

Maury offers a complete line of precision low VSWR waveguide sliding terminations for the mm bands. They feature a precision machined waveguide housing which provides an accurate impedance standard, and Maury precision flanges (MPF) with indexing holes which maintain mating compatibility with existing flanges

while providing excellent repeatability and improved measurement accuracy. All units feature low VSWR movable terminating elements. Units from WR22 and above also feature a micrometer drive with a unique non-rotating element design for optimum stability.

Model	Waveuide Designation	Frequency Range GHz	Maximum VSWR	
			Housing	Element
K314	WR42	18.0 — 26.5	1.010	1.010
U314	WR28	26.5 — 40.0	1.013	1.015
J314A	WR22	33.0 — 50.0	1.015	1.020
T314A	WR19	40.0 — 60.0	1.020	1.025
V314A	WR15	50.0 — 75.0	1.025	1.030
Y314B	WR12	60.0 — 90.0	1.030	1.035
Z314B	WR10	75.0 — 110.0	1.040	1.040

### Impedance standard for mm measurements!