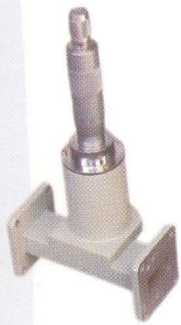


MICROMETER TYPE



X-4055



C-4055

- Model 4055 are absorption type (except in S-Band) cavity Wave-meter called Frequency Meter. These are made of tunable resonant cavity (having high Q) of particular size. This cavity is connected to the source of energy through a section of waveguide. The cavity absorbs some power at resonance, which is indicated as a dip in output power. The tuning of the cavity is achieved by means of a plunger connected to a micrometer. The reading of micrometer at resonance gives frequency from the calibration-chart provided at 200 Mhz intervals.
- S-Band Frequency Meter is a transmission type cavity wavemeter.

Model No	L-4055	S-4055	C-4055	J-4055	X-4055	KU-4055	K-4055	R-4055
Frequency Range (Ghz)	1.7-2.6	2.6-3.95	3.96-5.85	5.85-8.2	8.2-12.4	12.4-18.0	18.0-26.5	26.5-40.0
VSWR at off-resonance	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
Calibration Accuracy Mhz	±2 Mhz	±2 Mhz	±2 Mhz	±2 Mhz	±2 Mhz	±2 Mhz	±2 Mhz	±2 Mhz
Waveguide Type (WR-)	430	284	187	137	90	62	42	28
Flange Type (UG-/U)	CPR-430	53	149A	344	39	419	595	599

Note: Frequency meters of waveguide types WR 340, 229, 159, 112, 75, 51 are available also.