

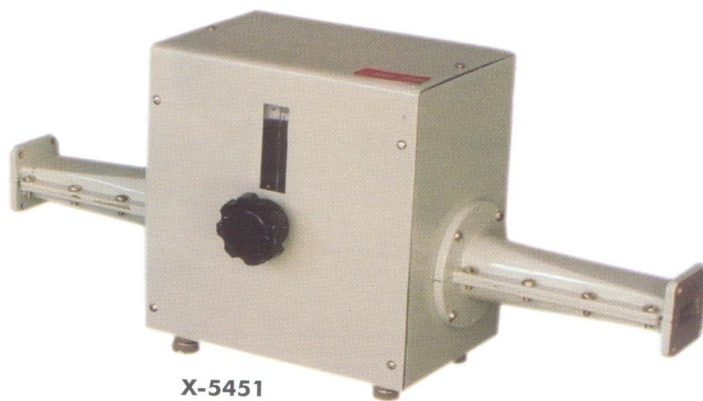
PRECISION VARIABLE ATTENUATORS

ROTARY-VANE WAVEGUIDE TYPE

- Model 5451 direct reading, precision, continuously variable attenuators are accurate, stable and frequency insensitive. These attenuators utilize the rotary vane principle of operation where attenuation is determined by the angle of rotation of an attenuating film fitted in a circular waveguide.
- These consist of a rotatable circular waveguide with attenuating film. Low-reflection transitions to rectangular waveguide are provided on both ends. Rotation of circular waveguide is calibrated in terms of attenuation as shown on the dial.



R-5451



X-5451

Model No.	Frequency Range (Ghz)	Attenuation (db)	Calibration Accuracy (db)	Max. VSWR	Max Insertion Loss (db)	Av. Power (watts)	Waveguide Type (WR-)	Flange Type (UG-/U)
S-5451	2.6-3.95	0-50	±0.5	1.15	0.5	5.0	284	53
C-5451	3.95-5.85	0-50	±0.5	1.15	0.5	2.0	187	149A
J-5451	5.85-8.20	0-50	±0.5	1.15	0.5	2.0	137	344
X-5451	8.20-12.4	0-50	±0.5	1.15	0.5	2.0	90	39
Ku-5451	12.4-18.0	0-50	±0.5	1.15	0.6	1.0	62	419
K-5451	18.0-26.5	0-40	±0.6	1.18	0.7	0.5	42	595
R-5451	26.5-40.0	0-40	±0.7	1.18	0.8	0.5	28	599