

Waveguide Phase Shifter



Model 9180 Waveguide Phase Shifter(Micrometer Type) consists of a section of waveguide flanged on both ends with a dielectric vane, which is movable by means of a micrometer inside the waveguide.

These Phase Shifters provides a phase-shift of around 180°. A calibration - chart giving micrometer reading vs Phase Shift at particular frequency is provided with each unit.

Model NO.	Frequency Range (Ghz)	Waveguide Type (WR-)	Flanges Type (UG-/U)	Micrometer Size (mm)
ST-C-9180	3.95-5.85	187	149A	40
ST-J-9180	5.85-8.20	137	344	25
ST-X-9180	8.20-12.4	90	39	25
ST-Ku-9180	12.4-18.0	62	419	25
ST-K-9180	18.0-26.5	42	595	15
ST-R-9180	26.5-40.0	28	599	10