



Waveguide Rotary Joints- I,F,U,L Type



- Model 8181 are **Waveguide Rotary Joints** are meant to transmit energy from a **stationary RF line to a rotating RF line.**
- These consists of two sections of waveguide coupled together to provide minimum insertion loss. One arm is kept stationary and other arm may be rotated by 360°. A round scale with vernier is provided to read the angle of rotation.
- These are available without round scale also.
- Waveguide Rotary Joints in "L", "F", "U", and "I" Types are available.
- These are available to cover approx. 10% of frequency - bands.

Model No.	Frequency Range (Ghz)	Waveguide Type (WR-)	Flange Type (UG-/U)	Max. Insertion Loss (db)	Max. VSWR
S-8181	2.60-3.95	284	53	0.20	1.15
C-8181	3.95-5.85	187	149A	0.20	1.15
J-8181	5.85-8.20	137	344	0.20	1.15
X-8181	8.20-12.4	90	39	0.20	1.15
Ku-8181	12.4-18.0	62	419	0.20	1.17
K-8181	18.0-26.5	42	595	0.25	1.20