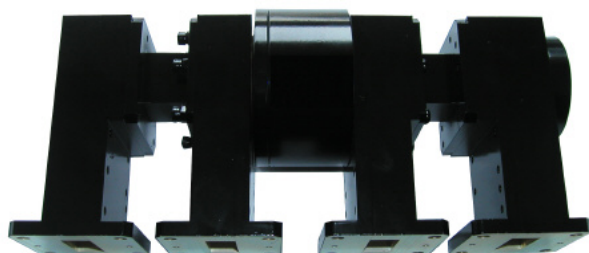


## WAVEGUIDE DUAL CHANNEL ROTARY JOINTS (Model # : ADRJ SERIES)



### Description

- LOW VSWR
- LOW INSERTION LOSS
- LOW WOW
- HIGH ISOLATION

The basic design of the ACTIPASS Dual Channel Rotary Joint is connection of four "Waveguide to Coaxial Transitions" Because coaxial parts are symmetrical in  $\phi$  direction, free rotation without performance degradation is accomplished. In the rotating part, electrical continuity is achieved by  $\lambda/4$ -chokes eliminating metal contacts. ADRJ Series are used for simultaneous transmission of another two RF signal (or transmission & reception signal) in the rotation body like as rotating antenna.

Waveguide Rotary Joint modules are available for all frequency bands. UG, CPR, CMR, PDR and other flanges are available upon request.

### Application

Radar and ECM or ECCM

Satellite and broadcasting

### Specifications

Model No.	Frequency Range	VSWR	VSWR WOW	Insertion Loss	Isolation	
ADRJ-90-9250/500	CH.1	9 ~ 9.5 GHz	1.3:1 max.	1.1:1 max.	0.5 GHz max.	45 GHz min.
	CH.2	9 ~ 9.5 GHz	1.5:1 max.	1.1 :1max.	0.6 GHz max.	45 GHz min.

\* The specification can be modified upon buyer's requests.

\* All specifications are subject to change without notice.

\* The latest specifications are available at [www.actipass.com](http://www.actipass.com)