

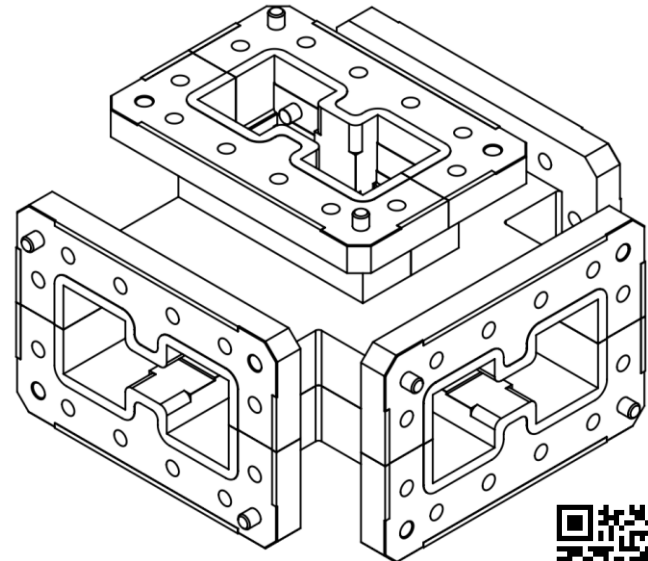
## WRD150 – Magic Tee

### Applications

- Radar Systems
- Communication Systems
- Test Benches
- Military and Space

### Product Features

- Broad Band Coverage
- Low Insertion Loss and VSWR
- High Isolation
- High Power Rated



### Product Description

**Model 146-150D-CPRG-T1-CPRG-T1-CPRG-T1-CPRG-T1** is a double ridge waveguide hybrid tee that operates from 1.5 GHz to 3 GHz. It offers broad band RF power combining or dividing. The Magic Tee provides extremely low Insertion Loss of less than 0.1 dB across 1.5 – 3 GHz and Return Loss of better than -21 dB, while maintaining Isolation better than 23 dB for Co-Linear ports. Different waveguide sizes are available upon request.

### Product Specifications

Electrical	
Operating Frequency	1.5 - 3.0 GHz
Insertion Loss	≤ 0.1 dB
Isolation, Co-Linear Ports	≥ 23 dB
Isolation, E to H Ports	≥ 30 dB
Return Loss	≤ -21 dB
Power Handling	20KW CW
Operating Temperature	-40° to 70° C

Mechanical	
Waveguide Size	WRD150D24
Housing Material	Aluminum
Finishing	XXXXXX
Dimensions (W x H x D)	XX" x XX" x XX"
Weight	≤ XXX g