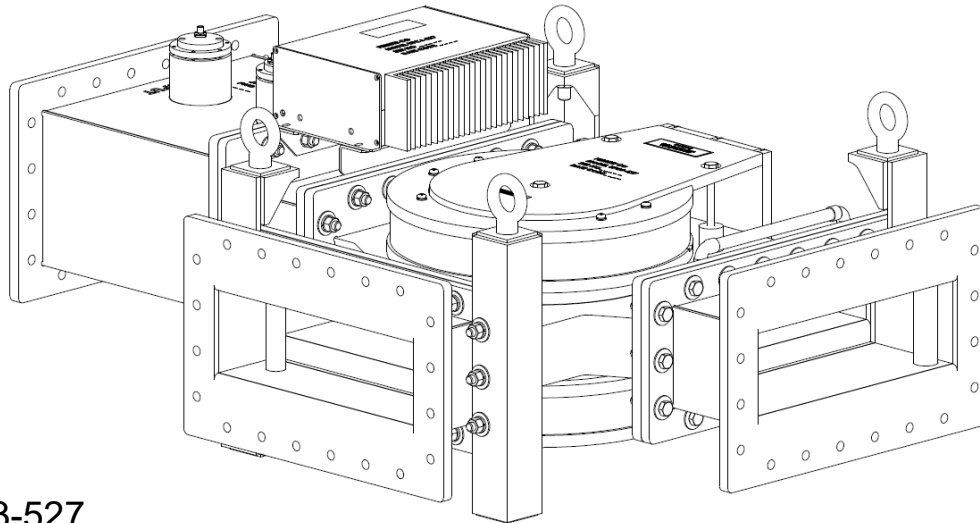


# WR1150, UHF Circulator



Model: UFC3-527

Microwave Techniques WR1150 UHF circulator solutions place emphasis on the selection and bias point of ferrite material to minimize insertion loss and maximize isolation at the frequency, bandwidth and power level of interest. The design and power handling capability of a circulator is determined by the sum of the forward and reflected power, the latter being a result of any mismatch present at the output of the device. The following specifications apply to a WR1150 UHF circulator:

Frequency	800 to 810 MHz
Peak Power	1MW
Average Power	100kW
Material	Aluminum 6061-T6
Cooling System	Copper and Stainless Steel
Finish	Chromate Golden (MIL-C-5541)

**Flanges:** CPR-1150 Flat

**Coolant Flow:** 4.5 Gallons per minute (17.03 Liters per minute)

**Overall Weight:** 325 lbs. (147.42 kg)

**Applications:** source protection with Magnetrons, TWT's, Klystrons & Solid State Amplifiers