

# DUAL STAGE RF CIRCULATORS

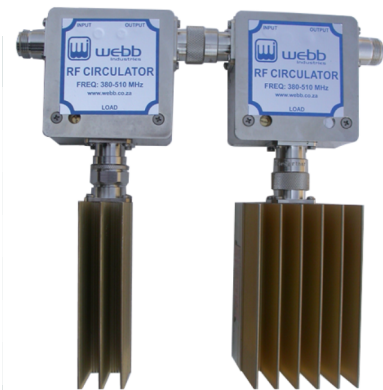
- ☑ The ferrite circulator is the most effective solution to transmitter produced intermodulation.
- ☑ The circulator can act as an isolator when the 3<sup>rd</sup> and 4<sup>th</sup> port are terminated.
- ☑ The ferrite isolator passes power from input to output with minimum loss while the reflected power is attenuated by 60dB.

**NOTE:** Isolators have limited bandwidth and tuning range. Each isolator is manufactured for a specific range and tuned to a specific frequency. Please specify the exact desired operating frequency.



CD  
CIRCULATOR DUAL STAGE

Electrical	CD122	CD150	CD250	CD400
Frequency (MHz)	116—136	138—174	250—270	380—510
Insertion Loss	≤ 0,9 dB			
Isolation	≥ 60 dB			
VSWR (max)	≤ 1,22 : 1			
Max. Input Power	Refer to Duty Cycle Chart			
Impedance	50 Ohm			
Termination	N Female			
Mechanical Data				
Temperature Range	-10 to 60°C			
Width	87 mm			
Length	203 mm			
Height	34 mm			
Packed Weight	1,2 kg			
Volume	220 x 110 x 55 mm			
Finish	Zinc Plated			



Power Level (W)	Duty Cycle (%)
100	60
80	80
60	100

Duty Cycle in this context refers to active usage time.  
For example;  
Out of 10 minutes, 6 minutes of active transmission and 4 minutes at idle equates to 60% Duty Cycle.

