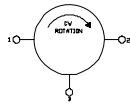


Package: Drop-in, 0.75in x 0.75in



**Product Description**

The PC2600AE-47H is a small, low cost drop-in circulator designed for applications in high performance linear power amplifiers for wireless infrastructure base stations. These circulators feature a robust construction for high reliability with excellent IMD performance. These circulators are RoHS compliant, and RFMD Green. CCW rotation and special tab offsets available upon request. S-Parameters are also available upon request.



**Features**

- Typical Insertion Loss Less than 0.18dB
- -70dBc IMD Typical Typical
- Typical Isolation Greater than 25dB
- Industry Standard 0.75x0.75 Inch Drop-in Package

**Applications**

- Designed for Wireless Infrastructure Systems

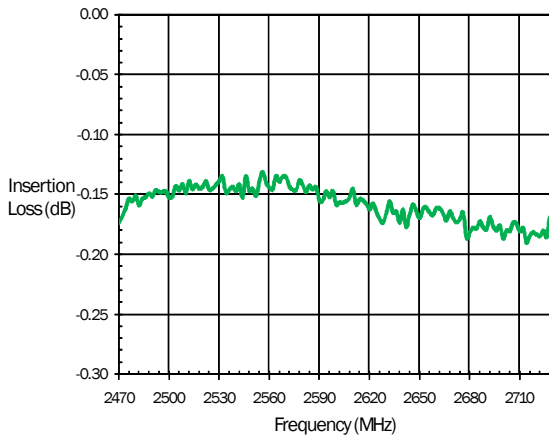
Parameter	Specification			Unit	Condition
	Min.	Typ.	Max.		
Frequency Range	2470		2730	MHz	
Insertion Loss		<0.18	0.30	dB	
Isolation	20	>25		dB	
Return Loss	20	>25		dB	
IMD		-70		dBc	2Tx37.5Watts

Note: Typical values represent Mid-band performance at 25 °C

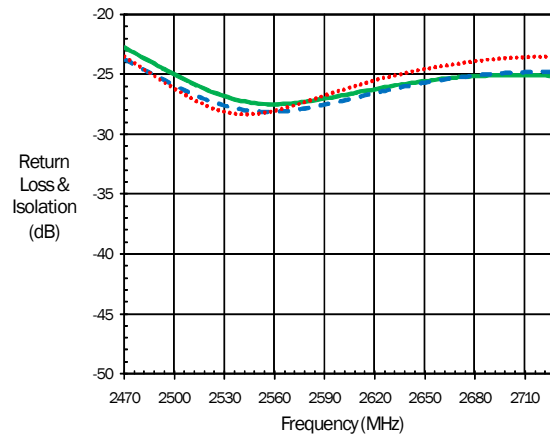
## Absolute Maximum Ratings

Parameter	Rating	Unit
Power	100	W
Operating Temperature	-40 to +85	°C
Storage Temperature	-40 to +95	°C

Typical Insertion Loss



Typical Return Loss and Isolation



Pin	Function	Description
1	INPUT	
2	OUTPUT	
3	TERMINATED	

## Package Drawing

Dimensions in inches (millimeters)

Refer to drawing posted at [www.rfmd.com](http://www.rfmd.com) for tolerances.

