





GaAs IPD MMIC 8GHz Lowpass Filter

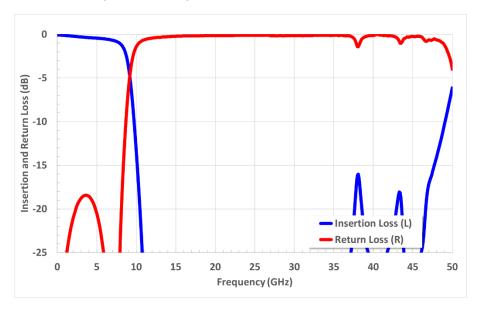
## **Features**

Frequency Range: DC – 8GHz
Passband Loss: 1.1dB @ 8GHz
Rejection: 20dB @ 10.5GHz

• 50Ω Matched DC coupled RF Ports

## **Performance Graphs**

## **Insertion and Return Loss (Measured)**



## **Electrical Specifications (TA = +25°C)**

Parameter	Units	Minimum	Typical	Maximum
Frequency	GHz	DC		8.0
Passband Loss	dB			1.1
Passband Return Loss	dB		25	
Rejection 20dB Point	GHz		10.5	
Rejection 40dB Point	GHz		11.3	
Package Type			Die	