



**LARK**  
ENGINEERING

SECURE TECHNOLOGY

*a Benchmark company*

**WG** Series

# Waveguide Filters

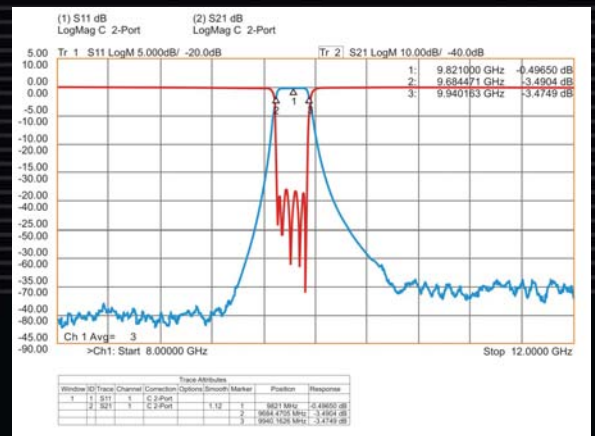
Ideally suitable for applications demanding high Q and low insertion loss  
Extend RF sensitivity  
Improves link budget  
Test equipment signal discrimination



## Key features (Typ.)

Center Frequency Coverage : 2.5 GHz to 38 GHz  
Number of sections: 2 to 12  
Relative Bandwidth (3dBc): 1 - 10%  
Input / Output Impedance: 50Ω  
RF Input Power (Max to 10K ft): 10 Watts, 40 Watts peak  
Interface (input/output): Waveguide flanges and coaxial interface  
(SMA and type N connectors)

## Typical response



## About Lark Engineering

Lark is a leading (OEM) supplier of RF and Microwave Filters Multiplexers and Multifunction Assemblies for the Military, Aerospace and Commercial markets. The company began operations in 1986 with the goal to design and manufacture quality products that satisfy the customer's needs and requirements. Our products can be found in today's military radar systems, aircraft, shipboard, hand held radios, GPS, ISM, PCN and many other military and commercial applications. Our commitment to quality and customer service has been a cornerstone of the company since its inception.