



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 18000 MHz Harmonic Low Pass Filter

## Part Number: LPH-1800-N



### Electrical specifications

**Passband:** DC~18000 MHz  
**Insertion Loss:** 0.7dB Max.  
**VSWR:** 1.8:1 Max.  
**Rejection @21600 MHz:** 25 dB Min.  
**Rejection @27000 MHz:** 55 dB Min.  
**Power Handling:** 50 Watts  
**Impedance:** 50 Ohms

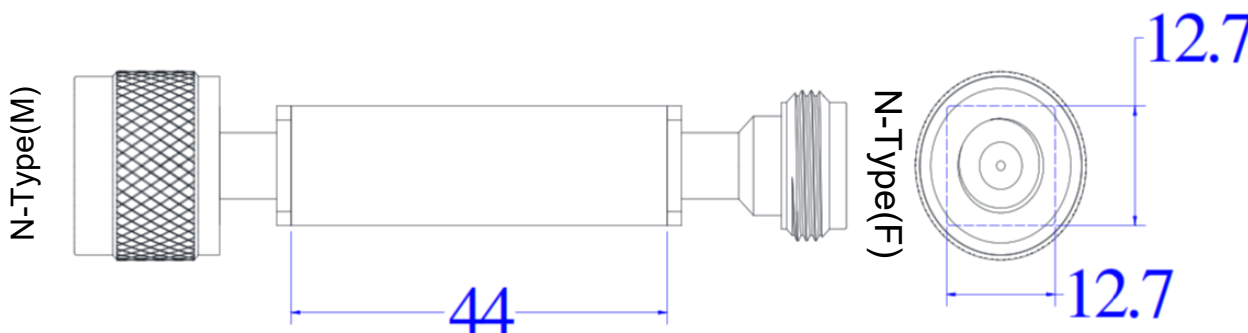
### Mechanical

**Mounting Method:** N-Type (M & F)  
**Dimensions:** 44.0 x 12.7 x 12.7 mm

### Environmental

**Operating Temperature:** -40 to +85° C  
**Storage Temperature:** -55 to +95° C

### Outline Drawing:



Tolerance: +/-0.01 inches [+/-0.3mm]

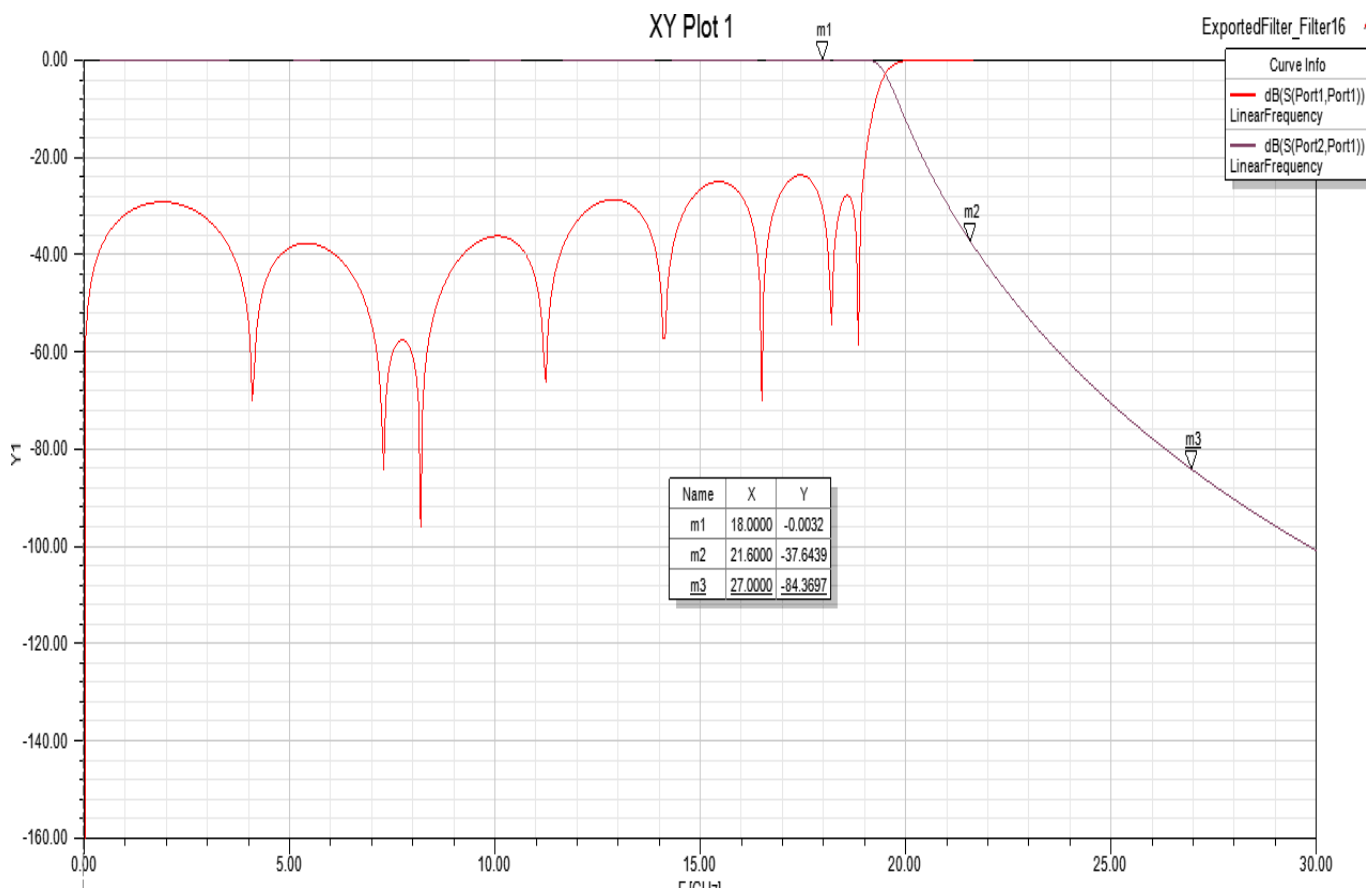
Angles: +/-1 Deg.

\*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

\*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.



### Simulated Response Plot:



Note: This is a simulation Plot. Actual response plot might differ once product is manufactured.