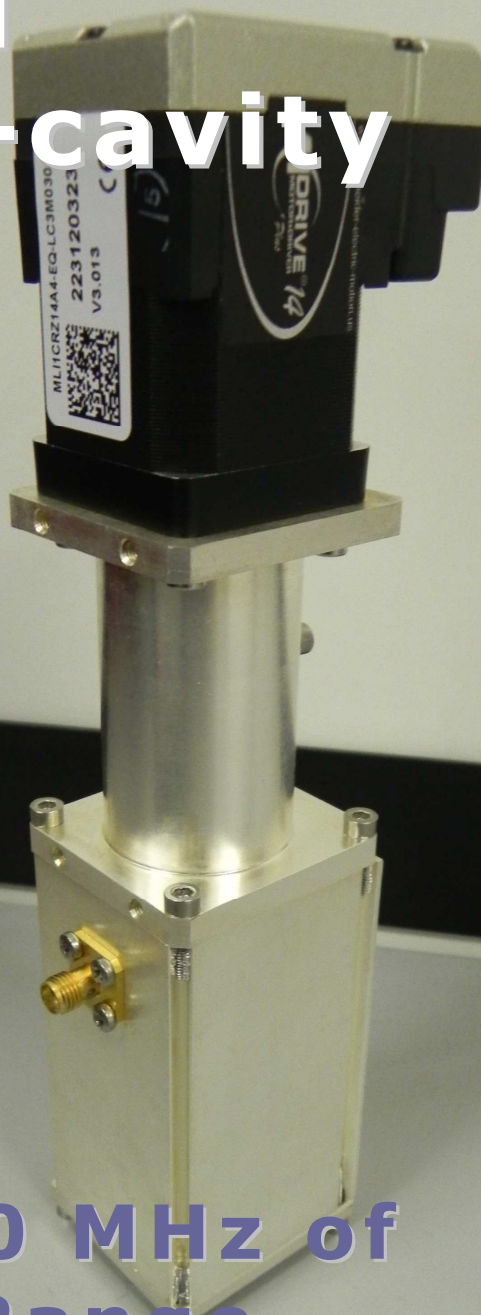


L-Band Single-cavity Filter



Over 200 MHz of
Tuning Range

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This single-cavity filter works in the L-Band. It is connected to a linear actuator (not provided) that can tune the cavity from 1.05 to 1.25 GHz (over 200 MHz of tuning range for a 10-mm displacement).

Below are typical frequency responses at the both ends of the tuning range. It is used for military and security applications, in tracking systems for the navy, but its possible use are many.

L-Band Single-cavity Filter's Characteristics

P/N MW01.0875-1ASCCT

Low tuning frequency	1.05 GHz
High tuning frequency	1.25 GHz
Tuning range	over 200 MHz
Insertion Loss	< 0.75 dB (0.65 dB typical)
3dB Bandwidth	9.3 ÷ 14.3 MHz, depending on frequency
Dimensions	140 x 42 x 40 mm (without actuator)
Connectors	2 SMA Female Connectors

