

# 7th order ideal Butterworth filter

$\text{TwoN}=2*7 \longrightarrow \text{TwoN}: 14$

$\text{Fn} = \text{\_FREQ}/2\text{e}9$

$\text{Pat} = -10 * \text{Log}10(1 + \text{pow}(\text{Fn}, \text{TwoN}))$